1972 REGIONAL COTTON VARIETY TESTS

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UNITED STATES DEPARTMENT OF AGRICULTURE

In Cooperation With

The Agricultural Experiment Stations of

Alabama	Louisiana	North Carolina
Arizona	Mississippi	Oklahoma
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Georgia	New Mexico	Texas

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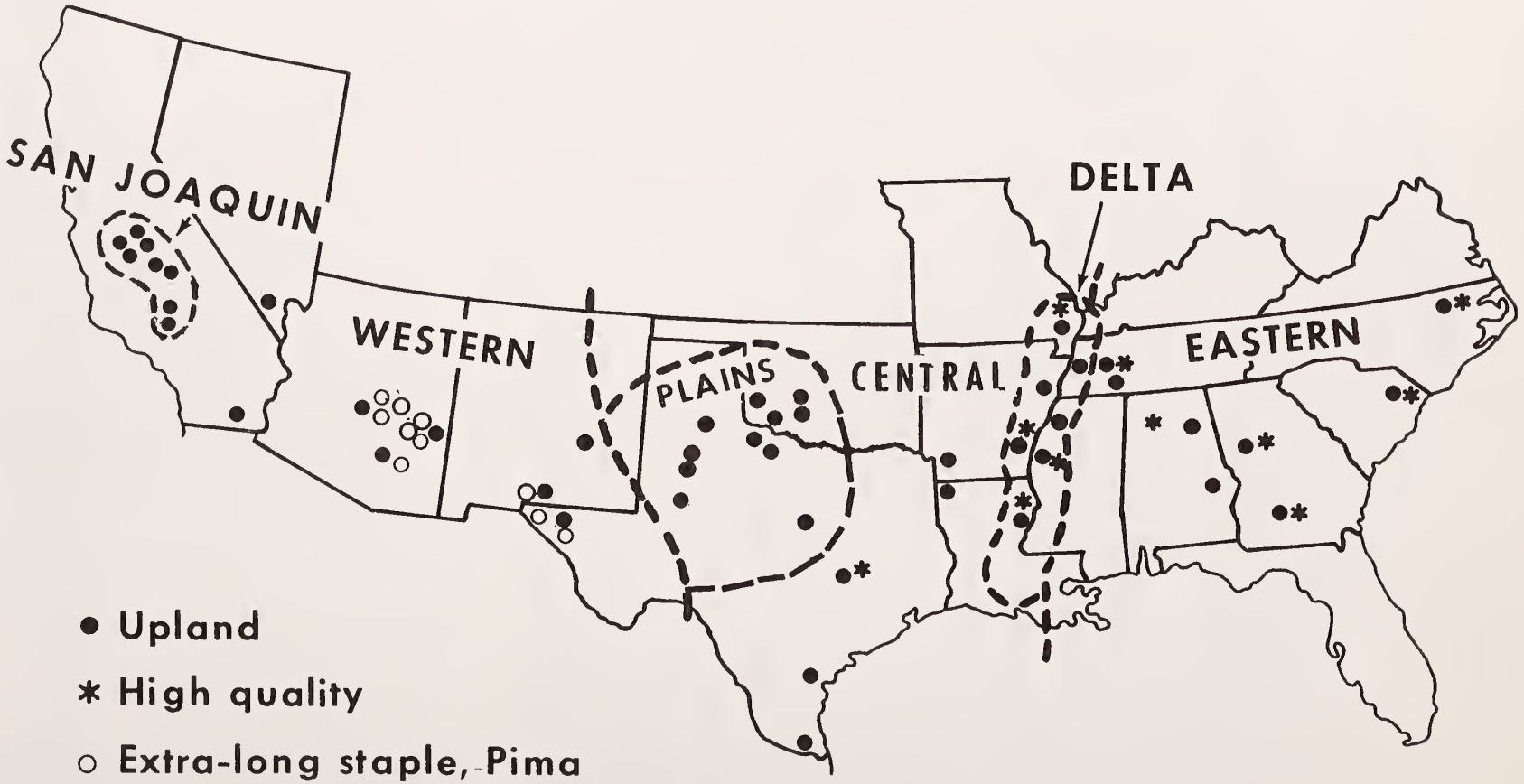

1972 REGIONAL COTTON VARIETY TESTS

Compiled by

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INTRODUCTION

The National Cotton Variety Testing Program was developed from recommendations of the Joint Cotton Breeding Policy Committee that a system of uniform reporting of data from cotton yield trials be established. The National Cotton Variety Testing Committee developed plans for reporting data from distinct production areas or regions. The names of members of these two committees as of January 1973 are given on page 91.

National standard varieties are chosen for a 3-year cycle of testing. Within each region, cooperators annually select a group of regional standard varieties that are common to all of the tests within the region for the particular year. Each station may add optional entries of local interest, but only data from the national and regional standards are included in this report. All varieties are grown to obtain experimental data. The designation of national or regional standards does not constitute endorsement of these varieties by the U.S. Department of Agriculture or the cooperating State Agricultural Experiment Stations. For the fifth 3-year cycle of testing, which began in 1972, the national standards were Acala 1517-70, Coker 310, Deltapine 16, and Lockett 4789A.

The data reported herein are from cotton yield trials at selected locations involved in the variety testing programs of 15 State Agricultural Experimental Stations. Yield and agronomic character data such as boll size and lint percentage were supplied by the cooperating stations. Fiber samples were sent to the U.S. Cotton Quality Laboratories, Knoxville, Tenn., where fiber and yarn tests were made.

Plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures. The yield reported for each variety is the average derived from the number of replications used. From three to eight replications were planted, depending on the station, and six replications were more commonly used. Boll, seed, fiber, and yarn data are based on two replications of each variety at all stations.

All data were assembled in the Cotton Quality Laboratories, Southern Region, Agricultural Research Service, U.S. Department of Agriculture, Knoxville, Tenn. The data were analyzed at the University of Tennessee Computer Center. A randomized block design was used for all analyses, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple-range test at the 0.05 level of probability.

Skein strength of yarn is not reported. Yarn tenacity, based on a standard skein, is the yarn strength value in this report.

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REGIONS AND LOCATIONS

The National Cotton Variety Testing Program is organized in the six production regions shown on the map. Upland varieties are tested in all six regions. Strains developed in the Southern States with superior fiber properties and spinning performance are tested in one region (high-quality test) spanning three contiguous regions. Extra-long-staple American Pima varieties are tested in another overlapping region.

The regions and participating stations during the 1972 season were as follows:

Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Alabama Agricultural Experiment Station	Auburn, Ala.
Sand Mountain Substation	Crossville, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.
Ames Plantation	Grand Junction, Tenn.

Delta Regional Cotton Variety Test

Delta Branch Experiment Station	Stoneville, Miss.
Off-station test	Tunica, Miss.
Northeast Louisiana Experiment Station	St. Joseph, La.
Delta Center, Missouri Agricultural Experiment Station	Portageville, Mo.
West Tennessee Agricultural Experiment Station, off-station test	Ridgely, Tenn.
Arkansas-Delta Substation	Clarkedale, Ark.
Southeast Branch Experiment Station	Rohwer, Ark.

Central Regional Cotton Variety Test

Texas A&M University:	
Texas Agricultural Experiment Station	College Station, Tex.
Research and Extension Center	Weslaco, Tex.
Research Station, off-station test	Nueces County, Tex.
Southwest Branch Experiment Station, off-station test	Bradley, Ark.
Red River Valley Experiment Station	Bossier City, La.

Plains Regional Cotton Variety Test

Texas A&M University:	
Research and Extension Center	
Dryland test	Lubbock, Tex.
Irrigated test	Lubbock, Tex.
Off-station tests	Lamesa, Tex.
	Plainview, Tex.
Research Station, dryland test	Chillicothe, Tex.
Irrigated test	Chillicothe, Tex.
Cotton Research Station, dryland test	Chickasha, Okla.
Irrigated test	Chickasha, Okla.
Irrigation Experiment Station	Altus, Okla.
Sandy Land Research Station	Mangum, Okla.

Western Regional Cotton Variety Test

Imperial Valley Conservation Research Station	Brawley, Calif.
Nevada Agricultural Experiment Station, Pahrump Field Laboratory	Pahrump, Nev.
Arizona Agricultural Experiment Station:	
Cotton Research Center	Phoenix, Ariz.
Marana Experimental Farm	Marana, Ariz.
Safford Branch Station	Safford, Ariz.
New Mexico Agricultural Experiment Station	Las Cruces, N. Mex.
Southeast Branch Station	Artesia, N. Mex.
Texas A&M University, Research Station	El Paso, Tex.

San Joaquin Valley Continuous Cotton Variety Test

California Agricultural Experiment Station Tests at:

Arvin	Chowchilla
Coalinga	Corcoran
Dinuba	Kerman
Tulare	Wasco

High-Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Northeast Louisiana Experiment Station	St. Joseph, La.
Delta Branch Experiment Station	Stoneville, Miss.
Delta Center, Missouri Agricultural Experiment Station	Portageville, Mo.
Texas Agricultural Experiment Station	College Station, Tex.
Southeast Branch Experiment Station	Rohwer, Ark.
Tennessee Valley Substation	Belle Mina, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station	
Cotton Research Center	Phoenix, Ariz.
Off-station test	Coolidge, Ariz.
Marana Experimental Farm	Marana, Ariz.
Safford Branch Station	Safford, Ariz.
Off-station tests:	
Pace Farm	Safford, Ariz.
Curtis Farm	Safford, Ariz.
Arizona State University	Tempe, Ariz.
Texas A&M University, Research Station	El Paso, Tex.
Off-station test, Maros Farm	Fabens, Tex.
New Mexico Agricultural Experiment Station	Las Cruces, N. Mex.

Combed-Yarn Test

American Pima cottons are commonly spun into combed yarns. In addition to the data taken at Knoxville, combed-yarn tests of Pima cotton grown at four locations conducting the Pima regional cotton variety test were made by the Agricultural Marketing Service, U.S. Department of Agriculture, at its Clemson, S.C., laboratory. Yarn tenacity of 11.8 and 7.4 tex (50's and 80's cotton count) yarns, appearance index, imperfections per 50 metres, and waste percentages are reported.

EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Boll size. (a) The weight, in grams, per boll of seed cotton. (b) The number of bolls of seed cotton required to make up 1 pound.

Classer's designation. A description of the quality of cotton in terms of grade and staple according to the official cotton standards of the United States. For grade, classification is based on appearance and is accomplished chiefly through the sense of sight by integration of the three factors of grade--color, leaf, and preparation--in the sample. Classification for staple length involves both sight and touch and is made by pulling out and comparing a typical portion of fibers from a sample with the official staple types.

Colorimeter. These measurements were determined by the Nickerson-Hunter colorimeter (Spinlab model). Hunter's B value is a measure of increasing yellowness of the cotton. RD is the percentage of reflectance; the higher the value, the lighter the cotton.

Drawing sliver. The fiber length measured on the Servo Fibrograph from samples taken from the second-drawing sliver. The mean is the average length, in inches, of all fibers longer than one-fourth inch. The UHM (upper-half mean) is the length, in inches, of the half of the fibers by weight that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5-percent span length.

Lint percent. The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.

Micronaire. The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) micronaire units.

Seed index. The weight of 100 seeds, in grams.

Span length. Fiber length measured on the Digital Fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen, where the initial starting point of the scanning in the test is considered 100 percent. The 2.5-percent span length is the length, in inches, on the test specimen spanned by 2.5-percent of the fibers scanned at the initial starting point. The 2.5-percent span length approximates classer's staple. The 50-percent span length is the length, in inches, on the test specimen spanned by 50-percent of the fibers scanned at the initial starting point.

Stelometer. T0 is the fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed, expressed in centinewtons (cN) per tex. T1 is the fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle separated by a 1/8-inch spacer, expressed in centinewtons per tex. E1 is the percentage elongation at break of the center one-eighth inch of the fiber bundle measured for T1 strength on the Stelometer.

Tex. The linear density of fibers, filaments, and yarns, expressed as the weight, in grams, of 1,000 metres of fiber or yarn.

Uniformity ratio. The ratio of mean length to upper-half mean (UHM) length, expressed as a percentage.

Yarn tenacity (YT). The strength of 27-tex yarn, expressed as centinewtons (cN) per tex.

Yield. The mean production of the plots harvested, expressed in pounds of lint per acre.

TEST RESULTS

The test results, presented in the following tables, are designed to furnish reliable information on the performance of cotton varieties in experimental plots across the United States in 1972. No interpretation of these data, other than the indication of the significant differences among means based on the analysis of variance, is presented in this publication. Means followed by the same letter or letters cannot be considered significantly different at the 0.05 level of probability.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each station. In the regional summaries, each measured property is tabulated separately, and the varieties are listed in descending order of measured value. For easy examination, all measurements for a variety are combined in a single table for each region. Within each region, the mean performance of varieties is also presented by station.

1972 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
COKER 310	799 A	6.06	76	40.5	10.9	.56	1.21	12.2
STONEVILLE 213	776 AB	6.00	76	39.2	10.9	.54	1.14	11.1
COKER 201	763 AB	6.33	72	40.3	10.9	.55	1.15	11.7
DELCOT 277	747 ABC	6.84	67	38.5	11.6	.57	1.20	12.9
DELTAPINE 25	746 ABC	5.91	78	40.5	10.6	.55	1.16	12.1
COKER 8103	745 ABC	6.70	68	39.0	10.7	.57	1.18	13.0
DIXIE KING II	743 ABC	7.58	61	39.2	12.0	.52	1.11	11.0
COKER 417	739 ABC	6.33	72	38.5	11.1	.57	1.20	12.8
DELTAPINE 16	738 ABC	6.30	73	39.0	10.8	.55	1.17	11.6
STONEVILLE 603	727 ABC	5.96	77	37.4	11.1	.54	1.15	11.4
MCNAIR 210	717 BC	6.59	69	36.3	12.5	.53	1.13	12.6
MCNAIR 511	686 C	5.78	79	37.7	11.1	.54	1.13	12.3
LOCKETT 4789A	590 D	6.52	71	36.6	11.9	.54	1.13	11.8
ACALA 1517-70	499 E	6.10	75	36.7	11.4	.54	1.16	14.1

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
AMES PLANT., TN	1036 A	7.07	65	39.4	12.0	.55	1.15	12.0
EXPERIMENT, GA.	1012 A	6.64	69	39.8	11.7	.57	1.17	12.4
FLORENCE, S.C.	994 A	6.64	69	36.3	11.9	.57	1.20	12.5
JACKSON, TENN.	757 B	6.44	71	38.1	10.4	.51	1.13	11.3
TIFTON, GA.	618 C	5.44	84	38.7	10.6	.53	1.12	12.3
AUBURN, ALA.	478 D	5.98	77	38.7	11.1	.54	1.17	12.2
ROCKY MT., N.C.	433 DE	6.68	69	34.8	12.6	.58	1.21	13.0
CROSSVILLE,ALA.	394 E	5.96	77	42.4	9.8	.52	1.12	11.7

BOLL SIZE, GRAM PER BOLL

DIXIE KING II	7.58 A
DELCOT 277	6.84 B
COKER 8103	6.70 B
MCNAIR 210	6.59 BC
LOCKETT 4789A	6.52 BC
COKER 417	6.33 CD
COKER 201	6.33 CD
DELTAPINE 16	6.30 CDE
ACALA 1517-70	6.10 DEF
COKER 310	6.06 DEF
STONEVILLE 213	6.00 DEF
STONEVILLE 603	5.96 EF
DELTAPINE 25	5.91 F
MCNAIR 511	5.78 F

BOLL SIZE, NO. PER LB.

MCNAIR 511	79 A
DELTAPINE 25	78 A
STONEVILLE 603	77 AB
STONEVILLE 213	76 ABC
COKER 310	76 ABC
ACALA 1517-70	75 ABCD
DELTAPINE 16	73 BCDE
COKER 417	72 CDEF
COKER 201	72 CDEF
LOCKETT 4789A	71 DEF
MCNAIR 210	69 EFG
COKER 8103	68 FG
DELCOT 277	67 G
DIXIE KING II	61 H

1972 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COKER 310	4.50	1.21	0.97	35.8	19.0	7.9	73	8.2	81
STONEVILLE 213	4.79	1.12	0.92	34.2	18.2	8.7	74	8.5	82
COKER 201	4.49	1.14	0.93	35.7	18.3	7.5	74	8.3	81
DELCOT 277	3.81	1.19	0.98	35.2	19.3	10.1	73	9.0	82
DELTAPINE 25	4.70	1.14	0.94	35.6	18.6	8.2	74	8.1	82
COKER 8103	4.25	1.18	0.96	37.1	19.7	7.2	74	8.1	82
DIXIE KING II	4.37	1.08	0.86	35.1	16.8	7.2	74	8.1	80
COKER 417	4.19	1.19	0.97	36.7	19.3	7.3	73	8.2	82
DELTAPINE 16	4.52	1.16	0.96	33.3	18.1	10.1	75	7.9	82
STONEVILLE 603	4.29	1.13	0.92	34.2	18.2	8.8	74	8.2	81
MCNAIR 210	4.40	1.13	0.94	37.5	18.9	7.2	74	7.9	83
MCNAIR 511	4.59	1.11	0.92	36.8	19.2	8.0	74	8.8	83
LOCKETT 4789A	4.24	1.12	0.93	35.4	18.2	7.6	74	8.4	83
ACALA 1517-70	3.85	1.16	0.95	42.9	21.1	6.6	74	8.5	81

LOCATIONS COMBINING VARIETIES

OCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
AMES PLANT., TN	4.69	1.12	0.87	36.0	18.5	7.7	72	7.5	78
EXPERIMENT, GA.	4.62	1.16	0.99	36.0	18.9	8.5	75	8.1	85
FLORENCE, S.C.	4.46	1.21	1.01	33.1	18.5	8.7	78	8.4	84
JACKSON, TENN.	3.98	1.09	0.83	36.0	18.1	7.8	69	8.4	76
TIFTON, GA.	4.49	1.10	0.90	39.1	20.1	7.1	75	8.7	82
AUBURN, ALA.	4.09	1.17	0.96	37.4	19.1	7.9	74	9.4	82
ROCKY MT., N.C.	4.17	1.23	1.06	34.3	18.9	8.8	75	8.6	86
CROSSVILLE,ALA.	4.34	1.11	0.89	37.1	18.0	7.7	72	7.2	81

LINT PCT.

DELTAPINE 25	40.5	A
COKER 310	40.5	A
COKER 201	40.3	A
STONEVILLE 213	39.2	B
DIXIE KING II	39.2	B
DELTAPINE 16	39.0	B
COKER 8103	39.0	B
COKER 417	38.5	BC
DELCOT 277	38.5	BC
MCNAIR 511	37.7	CD
STONEVILLE 603	37.4	DE
ACALA 1517-70	36.7	EF
LOCKETT 4789A	36.6	EF
MCNAIR 210	36.3	F

SEED INDEX

MCNAIR 210	12.5	A
DIXIE KING II	12.0	B
LOCKETT 4789A	11.9	B
DELCOT 277	11.6	BC
ACALA 1517-70	11.4	CD
MCNAIR 511	11.1	DE
STONEVILLE 603	11.1	DE
COKER 417	11.1	DE
COKER 310	10.9	E
COKER 201	10.9	E
STONEVILLE 213	10.9	E
DELTAPINE 16	10.8	E
COKER 8103	10.7	E
DELTAPINE 25	10.6	E

SPAN LENGTH, 50 PCT.

COKER 8103	0.57	A
DELCOT 277	0.57	A
COKER 417	0.57	A
COKER 310	0.56	AB
COKER 201	0.55	ABC
DELTAPINE 25	0.55	ABC
DELTAPINE 16	0.55	ABC
MCNAIR 511	0.54	BCD
STONEVILLE 603	0.54	BCD
LOCKETT 4789A	0.54	BCD
STONEVILLE 213	0.54	BCD
ACALA 1517-70	0.54	BCD
MCNAIR 210	0.53	CD
DIXIE KING II	0.52	D

SPAN LENGTH, 2.5 PCT.

COKER 310	1.21	A
COKER 417	1.20	AB
DELCOT 277	1.20	AB
COKER 8103	1.18	BC
DELTAPINE 16	1.17	CD
DELTAPINE 25	1.16	CDE
ACALA 1517-70	1.16	CDE
STONEVILLE 603	1.15	DEF
COKER 201	1.15	DEF
STONEVILLE 213	1.14	EF
LOCKETT 4789A	1.13	FG
MCNAIR 511	1.13	FG
MCNAIR 210	1.13	FG
DIXIE KING II	1.11	G

DRAWING SLIVER, UHM

COKER 310	1.21	A
DELCOT 277	1.19	AB
COKER 417	1.19	AB
COKER 8103	1.18	BC
DELTAPINE 16	1.16	CD
ACALA 1517-70	1.16	CD
COKER 201	1.14	DE
DELTAPINE 25	1.14	DE
MCNAIR 210	1.13	EF
STONEVILLE 603	1.13	EF
LOCKETT 4789A	1.12	EF
STONEVILLE 213	1.12	EF
MCNAIR 511	1.11	F
DIXIE KING II	1.08	G

DRAWING SLIVER, MEAN

DELCOT 277	0.98	A
COKER 417	0.97	AB
COKER 310	0.97	AB
DELTAPINE 16	0.96	ABC
COKER 8103	0.96	ABC
ACALA 1517-70	0.95	ABCD
MCNAIR 210	0.94	BCD
DELTAPINE 25	0.94	BCD
LOCKETT 4789A	0.93	CD
COKER 201	0.93	CD
MCNAIR 511	0.92	D
STONEVILLE 213	0.92	D
STONEVILLE 603	0.92	D
DIXIE KING II	0.86	E

MICRONAIRE

STONEVILLE 213	4.79	A
DELTAPINE 25	4.70	AB
MCNAIR 511	4.59	BC
DELTAPINE 16	4.52	BCD
COKER 310	4.50	CD
COKER 201	4.49	CD
MCNAIR 210	4.40	CDE
DIXIE KING II	4.37	DEF
STONEVILLE 603	4.29	EF
COKER 8103	4.25	EF
LOCKETT 4789A	4.24	EF
COKER 417	4.19	F
ACALA 1517-70	3.85	G
DELCOT 277	3.81	G

STELOMETER - TC

ACALA 1517-70	42.9	A
MCNAIR 210	37.5	B
COKER 8103	37.1	B
MCNAIR 511	36.8	B
COKER 417	36.7	B
COKER 310	35.8	C
COKER 201	35.7	C
DELTAPINE 25	35.6	C
LOCKETT 4789A	35.4	C
DELCOT 277	35.2	C
DIXIE KING II	35.1	C
STONEVILLE 213	34.2	D
STONEVILLE 603	34.2	D
DELTAPINE 16	33.3	D

UNIFORMITY RATIO

LOCKETT 4789A	83	A
MCNAIR 511	83	A
MCNAIR 210	83	A
COKER 8103	82	AB
COKER 417	82	AB
DELTAPINE 25	82	AB
STONEVILLE 213	82	AB
DELTAPINE 16	82	AB
DELCOT 277	82	AB
COKER 201	81	BC
COKER 310	81	BC
STONEVILLE 603	81	BC
ACALA 1517-70	81	BC
DIXIE KING II	80	C

YARN TENACITY

ACALA 1517-70	14.1	A
COKER 8103	13.0	B
DELCOT 277	12.9	B
COKER 417	12.8	B
MCNAIR 210	12.6	BC
MCNAIR 511	12.3	CD
COKER 310	12.2	CDE
DELTAPINE 25	12.1	DEF
LOCKETT 4789A	11.8	EFG
COKER 201	11.7	FG
DELTAPINE 16	11.6	G
STONEVILLE 603	11.4	GH
STONEVILLE 213	11.1	H
DIXIE KING II	11.0	H

STELOMETER - T1

ACALA 1517-70	21.1	A
COKER 8103	19.7	B
DELCOT 277	19.3	BC
COKER 417	19.3	BC
MCNAIR 511	19.2	BC
COKER 310	19.0	CD
MCNAIR 210	18.9	CD
DELTAPINE 25	18.6	DE
COKER 201	18.3	E
STONEVILLE 603	18.2	E
LOCKETT 4789A	18.2	E
STONEVILLE 213	18.2	E
DELTAPINE 16	18.1	E
DIXIE KING II	16.8	F

STELOMETER - E1

DELCOT 277	10.1	A
DELTAPINE 16	10.1	A
STONEVILLE 603	8.8	B
STONEVILLE 213	8.7	B
DELTAPINE 25	8.2	C
MCNAIR 511	8.0	C
COKER 310	7.9	CD
LOCKETT 4789A	7.6	DE
COKER 201	7.5	EF
COKER 417	7.3	EF
MCNAIR 210	7.2	F
COKER 8103	7.2	F
DIXIE KING II	7.2	F
ACALA 1517-70	6.6	G

COLORIMETER -B

DELCOT 277	9.0	A
MCNAIR 511	8.8	AB
ACALA 1517-70	8.5	ABC
STONEVILLE 213	8.5	ABC
LOCKETT 4789A	8.4	BC
COKER 201	8.3	BC
COKER 310	8.2	C
COKER 417	8.2	C
STONEVILLE 603	8.2	C
DELTAPINE 25	8.1	C
COKER 8103	8.1	C
DIXIE KING II	8.1	C
DELTAPINE 16	7.9	C
MCNAIR 210	7.9	C

COLORIMETER -RD

DELTAPINE 16	75	A
LOCKETT 4789A	74	B
DELTAPINE 25	74	B
ACALA 1517-70	74	B
COKER 201	74	B
COKER 8103	74	B
DIXIE KING II	74	B
STONEVILLE 603	74	B
MCNAIR 511	74	B
STONEVILLE 213	74	B
MCNAIR 210	74	B
COKER 310	73	B
COKER 417	73	B
DELCOT 277	73	B

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER 80LL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
			JACKSON, TENN.						
DELTAPINE 25	837	A	6.09	75	40.4	9.8	.55	1.15	11.5
COKER 417	827	A8	6.50	70	38.4	10.3	.50	1.12	11.3
COKER 8103	823	A8	6.78	67	38.3	10.1	.54	1.15	11.4
STONEVILLE 213	820	A8	6.20	73	38.5	10.1	.48	1.09	10.3
DELTAPINE 16	804	AB	6.24	73	38.1	9.8	.47	1.12	9.3
MCNAIR 511	804	AB	5.99	76	37.6	10.0	.53	1.10	12.4
COKER 201	798	AB	6.39	71	39.4	10.3	.54	1.16	11.0
COKER 310	794	A8	6.09	75	40.2	10.0	.52	1.18	11.9
DIXIE KING II	785	A8	7.57	60	39.3	11.0	.51	1.10	10.3
MCNAIR 210	780	A8	6.62	69	35.3	11.2	.48	1.07	12.2
STONEVILLE 603	743	8C	6.08	75	36.9	10.1	.49	1.10	10.9
DELCOT 277	687	C	7.19	64	38.0	11.3	.54	1.19	11.7
LOCKETT 4789A	588	D	6.35	72	35.7	10.3	.51	1.12	11.5
ACALA 1517-70	504	E	6.06	75	36.7	10.8	.46	1.10	12.4
			CROSSVILLE, ALA.						
MCNAIR 511	506	A	6.26	73	40.9	10.7	.55	1.10	12.6
DELTAPINE 25	497	A8	6.06	78	46.3	9.6	.53	1.11	11.0
STONEVILLE 213	454	A8C	5.37	85	43.3	9.5	.52	1.09	10.5
MCNAIR 210	440	ABC	6.27	73	40.6	11.1	.51	1.10	12.1
DIXIE KING II	420	A8CD	6.43	71	44.3	9.6	.46	1.06	9.8
COKER 201	419	ABCD	6.07	75	44.2	9.5	.51	1.10	10.9
DELTAPINE 16	415	A8CD	5.93	77	42.8	9.3	.55	1.13	12.0
STONEVILLE 603	402	8CD	5.32	86	41.8	9.7	.51	1.10	10.6
DELCOT 277	401	BCD	5.90	78	43.1	9.9	.52	1.14	12.1
COKER 417	380	CD	6.10	75	42.1	9.6	.54	1.16	12.2
COKER 310	367	CD	5.98	76	43.9	9.8	.54	1.17	11.3
COKER 8103	327	DE	6.47	70	41.9	9.7	.54	1.17	12.4
LOCKETT 4789A	264	EF	5.60	85	39.9	9.9	.51	1.10	11.3
ACALA 1517-70	226	F	5.57	82	38.4	9.7	.52	1.15	14.1
			AUBURN, ALA.						
DELCOT 277	578	A	6.53	70	38.6	11.5	.56	1.20	13.4
COKER 310	576	A	5.22	87	40.2	10.7	.55	1.22	12.0
COKER 201	519	AB	6.07	75	39.9	11.0	.54	1.17	12.0
MCNAIR 210	509	AB	6.35	72	36.2	12.4	.53	1.15	12.4
DIXIE KING II	506	A8	7.13	64	38.9	12.0	.52	1.13	10.8
STONEVILLE 213	505	A8	5.79	79	40.9	10.7	.54	1.14	11.6
STONEVILLE 603	502	AB	5.90	77	37.3	10.5	.52	1.16	11.5
MCNAIR 511	492	A8	6.06	76	38.0	11.0	.51	1.11	12.0
COKER 417	491	A8	5.77	79	38.3	11.3	.57	1.23	13.2
DELTAPINE 16	483	B	5.77	79	39.3	10.8	.56	1.20	11.9
DELTAPINE 25	444	B	4.93	92	41.8	10.1	.52	1.11	12.0
LOCKETT 4789A	442	B	6.02	76	37.4	11.5	.53	1.12	11.4
COKER 8103	433	B	5.90	78	39.0	9.7	.52	1.18	12.9
ACALA 1517-70	207	C	6.32	73	36.5	11.1	.51	1.18	14.1

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
			JACKSON, TENN.						
DELTAPINE 25	4.31	1.07	0.81	36.3	18.4	7.8	70	7.8	76
COKER 417	3.95	1.13	0.88	35.3	18.2	7.2	68	8.5	78
COKER 8103	4.02	1.11	0.84	37.0	19.1	6.8	69	8.8	76
STONEVILLE 213	4.33	1.01	0.73	34.3	17.5	8.1	69	8.8	72
DELTAPINE 16	4.10	1.12	0.86	32.0	16.7	10.3	70	8.0	77
MCNAIR 511	4.21	1.05	0.78	37.9	18.9	7.3	69	8.0	75
COKER 201	3.99	1.16	0.92	33.8	17.5	7.2	70	8.3	79
COKER 310	3.92	1.19	0.94	35.4	19.3	7.9	70	8.8	79
DIXIE KING II	3.92	0.98	0.73	35.2	15.7	7.2	71	8.0	75
MCNAIR 210	3.96	1.03	0.76	39.3	19.3	6.8	69	8.0	75
STONEVILLE 603	3.94	1.04	0.76	34.2	18.2	7.8	69	8.3	73
DELCOT 277	3.54	1.13	0.84	36.5	18.5	10.0	69	9.3	74
LOCKETT 4789A	3.80	1.13	0.92	34.3	17.1	7.4	70	9.0	82
ACALA 1517-70	3.71	1.12	0.86	42.1	19.1	6.3	70	8.8	76
			CROSSVILLE, ALA.						
MCNAIR 511	4.74	1.10	0.91	38.3	19.2	7.7	73	7.5	83
DELTAPINE 25	4.94	1.10	0.88	35.4	17.8	8.1	72	7.5	81
STONEVILLE 213	4.53	1.09	0.89	35.3	17.5	7.9	72	7.3	82
MCNAIR 210	4.29	1.09	0.90	37.8	17.3	7.1	74	6.5	83
DIXIE KING II	4.11	1.02	0.78	35.8	15.4	7.0	73	7.3	77
COKER 201	4.78	1.09	0.87	37.3	17.6	7.2	72	7.3	80
DELTAPINE 16	4.63	1.11	0.92	35.4	17.4	9.5	74	6.8	83
STONEVILLE 603	4.38	1.08	0.87	35.2	16.8	8.1	71	7.0	81
DELCOT 277	3.81	1.13	0.92	35.3	18.6	10.3	71	7.5	81
COKER 417	4.16	1.15	0.93	37.4	19.1	7.0	72	7.3	81
COKER 310	4.75	1.13	0.88	37.3	18.1	7.7	71	7.3	78
COKER 8103	4.21	1.15	0.94	38.0	19.1	6.5	72	6.3	82
LOCKETT 4789A	3.77	1.09	0.88	36.2	17.8	7.5	72	7.5	81
ACALA 1517-70	3.69	1.13	0.91	43.8	20.3	6.2	73	7.8	81
			AUBURN, ALA.						
DELCOT 277	3.60	1.24	1.06	36.5	20.1	10.1	73	10.3	85
COKER 310	4.22	1.19	0.95	37.3	19.4	7.2	72	8.5	80
COKER 201	4.40	1.15	0.91	37.9	18.9	7.2	74	9.0	79
MCNAIR 210	4.22	1.15	0.98	40.0	19.0	6.9	75	9.0	85
DIXIE KING II	4.16	1.11	0.89	35.5	16.8	6.9	74	8.5	80
STONEVILLE 213	4.80	1.15	0.97	34.9	18.9	8.8	75	9.3	84
STONEVILLE 603	3.89	1.14	0.93	34.7	18.7	9.1	74	10.3	82
MCNAIR 511	4.56	1.12	0.95	37.8	18.9	7.6	74	10.3	85
COKER 417	4.03	1.24	1.01	38.2	19.5	7.2	75	9.3	81
DELTAPINE 16	4.06	1.19	0.99	34.5	18.9	10.0	74	9.0	84
DELTAPINE 25	4.41	1.14	0.94	37.1	18.7	7.4	74	10.0	82
LOCKETT 4789A	4.02	1.12	0.90	36.7	17.7	7.6	73	8.8	81
COKER 8103	3.76	1.19	0.94	38.5	19.8	7.4	75	9.0	79
ACALA 1517-70	3.06	1.17	0.94	43.6	21.9	6.6	73	10.3	80

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			EXPERIMENT, GA.						
COKER 201	1177	A	6.70	68	42.2	10.9	.56	1.15	12.0
MCNAIR 210	1149	AB	6.58	69	37.4	12.4	.55	1.14	12.5
COKER 310	1125	ABC	6.42	71	41.4	11.4	.60	1.25	12.6
COKER 8103	1102	ABC	6.70	68	41.1	10.9	.56	1.14	13.1
DELCOT 277	1068	ABC	7.38	62	40.0	12.2	.58	1.19	13.2
COKER 417	1055	ABC	6.56	69	40.2	11.4	.58	1.20	13.3
DELTAPINE 16	1048	ABC	6.57	70	39.6	11.6	.56	1.16	11.5
STONEVILLE 213	1020	ABC	6.27	73	39.9	11.5	.55	1.16	11.4
STONEVILLE 603	1002	ABC	6.03	75	38.4	11.6	.55	1.17	11.8
DELTAPINE 25	956	BC	6.11	74	41.6	11.4	.57	1.18	12.4
LOCKETT 4789A	947	BC	7.18	64	37.8	12.7	.58	1.18	12.1
DIXIE KING II	924	C	8.19	56	40.8	12.1	.53	1.11	11.1
MCNAIR 511	917	C	5.83	78	39.3	11.1	.55	1.14	12.0
ACALA 1517-70	674	D	6.38	71	37.9	11.9	.58	1.18	14.8
			TIFTON, GA.						
STONEVILLE 213	731	A	5.15	89	40.6	10.0	.52	1.09	11.1
DELTAPINE 25	724	A	4.88	93	42.5	9.8	.54	1.15	12.5
COKER 8103	679	AB	6.15	74	39.9	10.0	.54	1.13	13.1
COKER 417	668	AB	5.46	84	37.8	10.8	.55	1.16	13.1
COKER 310	662	AB	5.47	83	40.5	10.5	.52	1.15	11.4
DELTAPINE 16	657	ABC	5.66	81	39.9	10.1	.56	1.14	12.0
DIXIE KING II	623	BCD	6.26	73	38.0	11.3	.49	1.07	11.4
COKER 201	610	BCDE	5.47	83	40.1	10.2	.54	1.09	11.7
STONEVILLE 603	602	BCDE	4.77	96	37.5	10.0	.52	1.12	11.5
MCNAIR 511	580	CDE	4.87	94	36.4	11.1	.53	1.10	12.3
DELCOT 277	577	DE	5.88	77	38.5	10.8	.56	1.16	13.5
ACALA 1517-70	559	DE	5.22	87	37.9	10.2	.54	1.10	13.5
MCNAIR 210	534	E	5.63	81	34.8	11.8	.50	1.09	12.8
LOCKETT 4789A	451	F	5.31	86	36.6	11.3	.52	1.06	12.4
			FLORENCE, S.C.						
COKER 310	1157	A	6.30	73	38.4	11.8	.59	1.27	12.9
STONEVILLE 213	1106	AB	6.09	75	36.9	11.8	.55	1.17	11.4
COKER 8103	1066	BC	7.37	62	36.8	11.3	.60	1.26	13.5
COKER 417	1053	BC	6.64	69	36.0	11.6	.63	1.27	13.0
STONEVILLE 603	1052	BC	6.53	70	35.4	11.9	.57	1.20	11.5
COKER 201	1051	BC	6.44	71	38.5	11.5	.59	1.21	12.3
DELCOT 277	1037	BC	7.18	63	35.4	11.5	.62	1.25	13.0
DELTAPINE 16	997	C	6.34	72	37.5	11.1	.56	1.21	11.8
DIXIE KING II	993	C	8.11	56	36.5	13.5	.53	1.15	11.8
MCNAIR 210	991	C	7.04	65	36.9	13.9	.54	1.15	12.7
DELTAPINE 25	986	C	6.34	72	34.5	11.1	.54	1.17	12.4
MCNAIR 511	915	D	5.53	82	35.4	11.9	.55	1.15	12.3
LOCKETT 4789A	782	E	7.06	65	34.8	12.2	.57	1.16	11.8
ACALA 1517-70	734	E	6.00	76	34.5	11.4	.56	1.19	14.5

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
EXPERIMENT, GA.									
COKER 201	4.80	1.14	0.96	35.0	18.1	8.2	75	7.8	84
MCNAIR 210	4.74	1.14	0.96	36.7	19.0	7.8	75	7.8	85
COKER 310	4.74	1.25	1.06	34.6	18.5	8.2	75	8.5	86
COKER 8103	4.60	1.18	1.02	37.4	19.9	7.6	75	8.3	87
DELCOT 277	4.05	1.16	1.01	34.9	19.3	10.6	73	8.0	87
COKER 417	4.37	1.18	1.00	36.6	19.3	7.7	74	8.0	85
DELTAPINE 16	4.86	1.19	1.02	32.6	17.9	10.9	76	7.8	86
STONEVILLE 213	4.97	1.14	0.98	33.7	18.2	9.2	75	8.5	86
STONEVILLE 603	4.60	1.15	0.98	34.2	18.6	9.5	75	7.8	85
DELTAPINE 25	5.03	1.16	0.98	35.2	18.7	8.7	76	8.3	85
LOCKETT 4789A	4.51	1.15	0.99	35.9	18.4	8.0	76	8.0	86
DIXIE KING II	4.70	1.09	0.91	35.7	17.2	7.4	76	8.0	83
MCNAIR 511	4.82	1.11	0.93	37.0	19.1	8.1	76	8.0	85
ACALA 1517-70	3.92	1.17	1.00	43.8	22.4	7.2	76	8.3	86
TIFTON, GA.									
STONEVILLE 213	5.13	1.08	0.89	37.0	19.7	7.6	75	8.8	83
DELTAPINE 25	4.75	1.10	0.91	39.6	20.5	7.2	76	8.3	83
COKER 8103	4.79	1.09	0.87	39.9	21.5	6.0	74	8.5	80
COKER 417	4.32	1.15	0.94	39.9	20.6	6.9	76	9.0	82
COKER 310	4.56	1.15	0.89	36.8	19.3	7.3	76	8.8	77
DELTAPINE 16	4.49	1.11	0.88	36.7	20.0	9.2	77	8.5	80
DIXIE KING II	4.50	1.05	0.83	37.9	18.2	6.0	77	8.3	80
COKER 201	4.33	1.07	0.87	40.3	20.3	6.5	74	9.3	82
STONEVILLE 603	4.20	1.07	0.86	36.8	18.8	7.9	75	8.0	80
MCNAIR 511	4.49	1.08	0.91	38.7	20.1	6.6	75	8.0	85
DELCOT 277	3.99	1.16	0.94	38.2	20.8	9.8	75	9.3	81
ACALA 1517-70	4.39	1.07	0.88	46.7	20.8	5.9	75	9.0	82
MCNAIR 210	4.21	1.10	0.93	39.4	20.3	6.2	75	8.5	85
LOCKETT 4789A	4.66	1.06	0.89	39.4	20.7	6.5	75	9.8	84
FLORENCE, S.C.									
COKER 310	4.61	1.27	1.05	34.4	19.2	8.7	76	7.5	83
STONEVILLE 213	4.97	1.19	1.02	31.5	17.3	9.3	78	9.0	86
COKER 8103	4.20	1.24	1.04	34.7	19.0	7.5	77	8.3	84
COKER 417	4.15	1.25	1.03	35.3	19.1	8.0	77	8.3	83
STONEVILLE 603	4.53	1.22	1.03	32.1	17.7	9.3	79	9.0	84
COKER 201	4.45	1.19	1.01	31.9	17.5	8.3	80	8.3	85
DELCOT 277	3.89	1.24	1.03	31.7	18.7	10.5	78	9.0	83
DELTAPINE 16	4.80	1.21	1.04	29.9	17.4	10.6	79	8.0	86
DIXIE KING II	4.46	1.15	0.94	32.5	17.3	7.9	79	8.3	82
MCNAIR 210	4.74	1.18	1.00	33.4	18.7	8.0	79	8.8	86
DELTAPINE 25	4.77	1.19	1.00	32.2	18.3	8.9	78	8.3	84
MCNAIR 511	4.65	1.15	0.98	32.4	18.8	8.7	78	9.3	85
LOCKETT 4789A	4.45	1.17	1.02	32.2	17.7	8.2	78	8.0	87
ACALA 1517-70	3.76	1.20	1.00	39.1	21.5	7.0	76	8.5	84

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NC. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
			ROCKY MT., N.C.						
DELCOT 277	563	A	6.83	67	35.0	12.8	.59	1.26	13.8
DIXIE KING II	557	A	8.52	54	35.5	13.7	.55	1.14	11.8
COKER 310	539	AB	6.46	71	36.9	11.3	.60	1.26	13.2
COKER 8103	485	ABC	7.02	65	35.1	11.8	.61	1.25	14.3
DELTAPINE 16	483	ABC	6.85	66	35.3	11.5	.58	1.22	12.9
STONEVILLE 603	447	BCD	6.54	69	33.7	12.9	.56	1.20	12.1
STONEVILLE 213	434	CD	6.26	73	34.2	12.2	.56	1.18	12.1
DELTAPINE 25	416	CDE	6.22	73	36.3	11.6	.58	1.21	12.8
MCNAIR 210	394	CDE	7.02	65	32.0	14.5	.55	1.16	13.1
COKER 201	381	DE	6.51	70	36.4	12.3	.58	1.21	12.4
COKER 417	362	DE	6.68	68	35.6	12.5	.62	1.28	13.5
LOCKETT 4789A	356	DE	6.74	67	32.8	14.0	.54	1.14	11.9
ACALA 1517-70	323	E	6.43	71	33.6	13.3	.60	1.22	15.2
MCNAIR 511	316	E	5.46	83	34.9	11.6	.54	1.16	13.1
			AMES PLANT., TN						
COKER 310	1172	A	6.51	70	42.1	11.3	.53	1.18	11.9
COKER 201	1149	AB	6.97	65	41.4	11.8	.51	1.09	10.8
DIXIE KING II	1136	ABC	8.42	54	40.2	12.4	.53	1.11	11.2
STONEVILLE 213	1136	ABC	6.86	66	39.1	11.5	.54	1.14	10.7
DELTAPINE 25	1106	ABCD	6.60	69	40.8	11.4	.56	1.17	11.7
COKER 417	1072	BCD	6.89	66	39.6	11.2	.55	1.16	12.4
DELCOT 277	1067	BCD	7.83	58	39.2	12.5	.56	1.17	12.5
STONEVILLE 603	1062	BCD	6.53	70	38.4	12.1	.56	1.16	11.4
COKER 8103	1044	CDE	7.20	63	39.9	12.1	.58	1.18	13.2
DELTAPINE 16	1019	DEF	6.99	65	39.3	11.7	.53	1.14	11.1
MCNAIR 511	960	EFG	6.26	73	38.9	11.2	.57	1.14	12.0
MCNAIR 210	935	FG	7.23	63	37.0	12.8	.56	1.15	12.5
LOCKETT 4789A	891	G	7.86	58	37.8	12.8	.54	1.11	11.8
ACALA 1517-70	761	H	6.82	67	37.8	12.4	.52	1.13	14.0

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
			ROCKY MT., N.C.						
DELCOT 277	3.51	1.28	1.09	33.8	19.2	10.4	75	10.3	85
DIXIE KING II	4.49	1.18	1.01	32.3	16.8	8.3	75	8.8	86
COKER 310	4.24	1.30	1.11	34.4	19.5	8.8	75	8.3	86
COKER 8103	3.92	1.28	1.12	35.8	20.1	8.1	76	8.0	87
DELTAPINE 16	4.22	1.25	1.07	32.2	18.3	10.5	76	8.3	85
STONEVILLE 603	4.25	1.22	1.03	33.2	18.3	9.5	76	8.5	85
STONEVILLE 213	4.46	1.21	1.03	33.2	18.6	9.4	75	8.5	86
DELTAPINE 25	4.44	1.21	1.05	34.1	18.5	9.0	74	8.0	87
MCNAIR 210	4.41	1.23	1.07	34.6	18.6	7.9	76	7.8	87
COKER 201	4.19	1.23	1.06	33.7	18.3	8.5	77	8.3	86
COKER 417	4.12	1.27	1.08	35.6	19.9	7.6	75	8.3	86
LOCKETT 4789A	4.09	1.17	1.02	32.4	17.7	8.4	76	8.5	87
ACALA 1517-70	3.85	1.25	1.08	40.6	21.3	7.3	77	8.0	86
MCNAIR 511	4.21	1.19	1.03	33.9	19.4	9.8	74	11.3	87
			AMES PLANT., TN						
COKER 310	4.92	1.17	0.89	36.2	18.7	7.3	73	7.8	77
COKER 201	4.96	1.07	0.81	35.8	17.9	6.5	71	8.0	76
DIXIE KING II	4.60	1.06	0.79	35.4	16.7	7.1	73	7.5	75
STONEVILLE 213	5.10	1.10	0.83	33.8	17.3	8.8	71	7.8	76
DELTAPINE 25	4.92	1.15	0.91	34.8	17.6	8.3	73	6.8	79
COKER 417	4.41	1.14	0.90	35.6	18.3	7.1	70	6.8	79
DELCOT 277	4.07	1.17	0.94	35.0	19.1	8.8	71	8.3	81
STONEVILLE 603	4.56	1.11	0.86	33.3	17.9	8.9	71	6.5	77
COKER 8103	4.50	1.17	0.92	35.2	19.2	7.2	73	7.5	79
DELTAPINE 16	4.96	1.12	0.87	32.9	18.1	9.6	74	7.3	78
MCNAIR 511	5.05	1.09	0.86	38.0	18.8	7.8	74	8.5	79
MCNAIR 210	4.59	1.12	0.87	38.7	19.1	7.0	74	7.3	78
LOCKETT 4789A	4.62	1.05	0.82	35.7	18.5	7.0	74	7.8	78
ACALA 1517-70	4.39	1.14	0.88	43.6	21.2	5.9	73	7.8	77

1972 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
STONEVILLE 213	1051 A	6.00	76	39.1	11.0	.54	1.16	11.7
COKER 310	1036 A	6.06	75	40.4	11.0	.55	1.21	11.9
DELTAPINE 25	1028 A	5.65	81	40.8	10.5	.54	1.16	12.3
STONEVILLE 7A	1016 A	5.71	80	39.2	10.7	.54	1.17	11.4
DELTAPINE 16	1011 A	6.14	74	39.0	11.1	.54	1.18	11.8
COKER 8103	1004 A	6.28	73	37.5	11.3	.56	1.20	13.2
COKER 5110	1003 A	6.31	72	38.3	11.3	.55	1.19	12.2
DELCOT 277	984 A	6.73	68	38.3	12.8	.56	1.19	13.1
DELTAPINE 45A	977 A	5.74	79	39.4	11.0	.54	1.12	11.8
STONEVILLE 603	970 A	5.94	77	37.5	11.3	.54	1.16	11.6
MCNAIR 511	843 B	5.58	81	37.1	11.4	.54	1.13	12.4
ACALA 1517-70	801 BC	5.13	75	36.5	12.2	.56	1.19	14.7
LOCKETT 4789A	735 C	6.51	70	35.8	12.4	.53	1.13	12.0

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
ROHWER, ARK.	1154 A			39.2	10.5			
PORT'VILLE, MO.	1021 B	6.38	72	40.2	11.7	.50	1.13	10.9
ST JOSEPH, LA.	995 B	6.17	74	37.8	11.8	.58	1.23	12.7
RIDGELY, TN.	981 B	6.00	76	38.9	11.7	.54	1.15	12.4
ST'VILLE, MISS.	901 C	6.04	76	37.8	11.1	.54	1.14	12.7
CL'DALE, ARK.	875 C	5.90	77	37.2	11.1	.55	1.17	12.5
TUNICA, MISS.	782 D	5.87	78	37.5	11.8	.57	1.18	12.7

BOLL SIZE, GRAM PER BOLL

DELCOT 277	6.73 A
LOCKETT 4789A	6.51 AB
COKER 5110	6.31 BC
COKER 8103	6.28 BC
DELTAPINE 16	6.14 BCD
ACALA 1517-70	6.13 BCD
COKER 310	6.06 CDE
STONEVILLE 213	6.00 CDE
STONEVILLE 603	5.94 CDEF
DELTAPINE 45A	5.74 DEF
STONEVILLE 7A	5.71 EF
DELTAPINE 25	5.65 EF
MCNAIR 511	5.58 F

BOLL SIZE, NO. PER LB.

DELTAPINE 25	81 A
MCNAIR 511	81 A
STONEVILLE 7A	80 AB
DELTAPINE 45A	79 ABC
STONEVILLE 603	77 ABCD
STONEVILLE 213	76 BCD
COKER 310	75 CD
ACALA 1517-70	75 CD
DELTAPINE 16	74 DE
COKER 8103	73 DE
COKER 5110	72 DEF
LOCKETT 4789A	70 EF
DELCOT 277	68 F

1972 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
STONEVILLE 213	4.82	1.18	0.95	36.0	18.2	6.9	73	8.5	81
COKER 310	4.60	1.21	0.95	37.1	18.9	6.7	72	8.2	78
DELTAPINE 25	4.79	1.18	0.95	37.2	18.7	7.2	73	7.8	81
STONEVILLE 7A	4.82	1.16	0.91	38.1	17.8	6.0	73	7.9	78
DELTAPINE 16	4.65	1.18	0.95	35.2	18.6	8.6	74	7.6	81
COKER 8103	4.27	1.22	1.00	39.0	20.0	6.2	73	8.0	82
COKER 5110	4.41	1.21	0.96	36.6	18.7	7.1	72	8.1	79
DELCOT 277	4.16	1.23	1.01	36.4	20.1	9.2	71	8.9	82
DELTAPINE 45A	4.75	1.15	0.96	34.9	18.6	8.1	72	7.7	83
STONEVILLE 603	4.37	1.16	0.93	36.2	18.7	7.3	73	8.0	80
MCNAIR 511	4.66	1.15	0.94	37.7	19.5	6.6	72	8.3	82
ACALA 1517-70	4.06	1.22	0.99	44.7	22.9	5.6	73	8.6	81
LOCKETT 4789A	4.27	1.15	0.94	37.1	18.0	6.8	73	8.2	82

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ROHWER, ARK.									
PORT'VILLE, MO.	4.45	1.14	0.90	34.8	17.6	7.2	68	7.5	79
ST JOSEPH, LA.	4.45	1.24	0.98	38.0	19.4	6.5	71	8.2	79
RIDGELY, TN.	4.49	1.18	0.96	35.7	18.6	8.0	75	8.4	81
ST'VILLE, MISS.	4.42	1.18	0.95	38.9	19.6	7.0	75	9.3	81
CL'DALE, ARK.	4.60	1.19	0.99	38.9	19.6	7.2	73	7.4	84
TUNICA, MISS.	4.66	1.18	0.96	39.0	20.0	6.8	73	8.2	82

LINT PCT.

DELTAPINE 25	40.8	A
COKER 310	40.4	A
DELTAPINE 45A	39.4	B
STONEVILLE 7A	39.2	B
STONEVILLE 213	39.1	B
DELTAPINE 16	39.0	BC
DELCOT 277	38.3	C
COKER 5110	38.3	C
COKER 8103	37.5	D
STONEVILLE 603	37.5	D
MCNAIR 511	37.1	DE
ACALA 1517-70	36.5	EF
LOCKETT 4789A	35.8	F

SEED INDEX

DELCOT 277	12.8	A
LOCKETT 4789A	12.4	B
ACALA 1517-70	12.2	B
MCNAIR 511	11.4	C
COKER 8103	11.3	C
COKER 5110	11.3	C
STONEVILLE 603	11.3	C
DELTAPINE 16	11.1	CD
DELTAPINE 45A	11.0	CD
STONEVILLE 213	11.0	CD
COKER 310	11.0	CD
STONEVILLE 7A	10.7	DE
DELTAPINE 25	10.5	E

SPAN LENGTH, 50 PCT.

DELCOT 277	0.56	A
COKER 8103	0.56	A
ACALA 1517-70	0.56	A
COKER 310	0.55	AB
COKER 5110	0.55	AB
STONEVILLE 213	0.54	B
STONEVILLE 7A	0.54	B
DELTAPINE 25	0.54	B
STONEVILLE 603	0.54	B
MCNAIR 511	0.54	B
DELTAPINE 16	0.54	B
DELTAPINE 45A	0.54	B
LOCKETT 4789A	0.53	B

SPAN LENGTH, 2.5 PCT.

COKER 310	1.21	A
COKER 8103	1.20	AB
DELCOT 277	1.19	ABC
ACALA 1517-70	1.19	ABC
COKER 5110	1.19	ABC
DELTAPINE 16	1.18	BCD
STONEVILLE 7A	1.17	CD
STONEVILLE 213	1.16	D
STONEVILLE 603	1.16	D
DELTAPINE 25	1.16	D
MCNAIR 511	1.13	E
LOCKETT 4789A	1.13	E
DELTAPINE 45A	1.12	E

DRAWING SLIVER, UHM

DELCOT 277	1.23	A
COKER 8103	1.22	A
ACALA 1517-70	1.22	A
COKER 5110	1.21	A
COKER 310	1.21	A
DELTAPINE 16	1.18	B
STONEVILLE 213	1.18	B
DELTAPINE 25	1.18	B
STONEVILLE 7A	1.16	BC
STONEVILLE 603	1.16	BC
DELTAPINE 45A	1.15	C
LOCKETT 4789A	1.15	C
MCNAIR 511	1.15	C

DRAWING SLIVER, MEAN

DELCOT 277	1.01	A
COKER 8103	1.00	A
ACALA 1517-70	0.99	AB
DELTAPINE 45A	0.96	BC
COKER 5110	0.96	BC
DELTAPINE 25	0.95	CD
COKER 310	0.95	CD
STONEVILLE 213	0.95	CD
DELTAPINE 16	0.95	CD
MCNAIR 511	0.94	CD
LOCKETT 4789A	0.94	CD
STONEVILLE 603	0.93	CD
STONEVILLE 7A	0.91	D

UNIFORMITY RATIO

DELTAPINE 45A	83	A
MCNAIR 511	82	AB
DELCOT 277	82	AB
LOCKETT 4789A	82	AB
COKER 8103	82	AB
STONEVILLE 213	81	ABC
DELTAPINE 25	81	ABC
ACALA 1517-70	81	ABC
DELTAPINE 16	81	ABC
STONEVILLE 603	80	BCD
COKER 5110	79	CD
COKER 310	78	D
STONEVILLE 7A	78	D

MICRONAIRE

STONEVILLE 213	4.82	A
STONEVILLE 7A	4.82	A
DELTAPINE 25	4.79	AB
DELTAPINE 45A	4.75	AB
MCNAIR 511	4.66	AB
DELTAPINE 16	4.65	AB
COKER 310	4.60	BC
COKER 5110	4.41	CD
STONEVILLE 603	4.37	D
LOCKETT 4789A	4.27	DE
COKER 8103	4.27	DE
DELCOT 277	4.16	EF
ACALA 1517-70	4.06	F

1972 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

DELCOT 277	9.2	A
DELTAPINE 16	8.6	B
DELTAPINE 45A	8.1	C
STONEVILLE 603	7.3	D
DELTAPINE 25	7.2	DE
COKER 5110	7.1	DEF
STONEVILLE 213	6.9	EFG
LOCKETT 4789A	6.8	FG
COKER 310	6.7	G
MCNAIR 511	6.6	G
COKER 8103	6.2	H
STONEVILLE 7A	6.0	H
ACALA 1517-70	5.6	I

YARN TENACITY

ACALA 1517-70	14.7	A
COKER 8103	13.2	B
DELCOT 277	13.1	B
MCNAIR 511	12.4	C
DELTAPINE 25	12.3	CD
COKER 5110	12.2	CDE
LOCKETT 4789A	12.0	CDEF
COKER 310	11.9	DEF
DELTAPINE 16	11.8	EFG
DELTAPINE 45A	11.8	EFG
STONEVILLE 213	11.7	FG
STONEVILLE 603	11.6	FG
STONEVILLE 7A	11.4	G

STELOMETER - TC

ACALA 1517-70	44.7	A
COKER 8103	39.0	B
STONEVILLE 7A	38.1	BC
MCNAIR 511	37.7	CD
DELTAPINE 25	37.2	CDE
LOCKETT 4789A	37.1	CDE
COKER 310	37.1	CDE
COKER 5110	36.6	DE
DELCOT 277	36.4	EF
STONEVILLE 603	36.2	EF
STONEVILLE 213	36.0	EFG
DELTAPINE 16	35.2	FG
DELTAPINE 45A	34.9	G

STELOMETER - T1

ACALA 1517-70	22.9	A
DELCOT 277	20.1	B
COKER 8103	20.0	B
MCNAIR 511	19.5	B
COKER 310	18.9	C
STONEVILLE 603	18.7	CD
DELTAPINE 25	18.7	CD
COKER 5110	18.7	CD
DELTAPINE 45A	18.6	CDE
DELTAPINE 16	18.6	CDE
STONEVILLE 213	18.2	DEF
LOCKETT 4789A	18.0	EF
STONEVILLE 7A	17.8	F

COLORIMETER -RD

DELTAPINE 16	74	A
STONEVILLE 213	73	B
LOCKETT 4789A	73	B
COKER 8103	73	B
STONEVILLE 603	73	B
ACALA 1517-70	73	B
STONEVILLE 7A	73	B
DELTAPINE 25	73	B
DELTAPINE 45A	72	B
MCNAIR 511	72	B
COKER 310	72	B
COKER 5110	72	B
DELCOT 277	71	C

COLORIMETER -B

DELCOT 277	8.9	A
ACALA 1517-70	8.6	AB
STONEVILLE 213	8.5	ABC
MCNAIR 511	8.3	ABCD
LOCKETT 4789A	8.2	ABCD
COKER 310	8.2	ABCD
COKER 5110	8.1	BCD
COKER 8103	8.0	BCD
STONEVILLE 603	8.0	BCD
STONEVILLE 7A	7.9	BCD
DELTAPINE 25	7.8	CD
DELTAPINE 45A	7.7	D
DELTAPINE 16	7.6	D

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			ST JOSEPH, LA.						
DELTAPINE 25	1239	A	5.77	79	41.0	10.8	.58	1.21	12.6
STONEVILLE 213	1167	A	6.25	73	39.9	11.3	.57	1.23	12.2
STONEVILLE 7A	1120	AB	6.28	73	39.1	11.7	.57	1.22	11.9
COKER 5110	1059	ABC	5.57	82	38.9	11.2	.57	1.24	12.1
DELTAPINE 16	1049	ABC	5.96	76	38.6	11.3	.57	1.23	12.6
COKER 8103	1045	ABC	5.98	76	36.1	11.2	.59	1.26	13.5
DELTAPINE 45A	1039	ABC	5.62	81	38.6	11.0	.57	1.18	12.3
COKER 310	949	BC	6.19	74	39.8	11.1	.55	1.25	12.0
ACALA 1517-70	932	BCD	7.13	64	36.3	12.8	.60	1.23	15.1
STONEVILLE 603	912	BCD	6.01	76	36.4	11.9	.58	1.24	11.8
MCNAIR 511	850	CD	5.68	80	35.7	11.8	.58	1.19	12.9
DELCOT 277	842	CD	7.47	61	36.3	13.7	.60	1.26	13.6
LOCKETT 4789A	729	D	6.30	72	34.8	13.1	.56	1.18	12.5
			ST'VILLE, MISS.						
DELTAPINE 25	1002	A	5.68	80	40.9	10.4	.52	1.11	12.6
DELTAPINE 16	976	AB	6.29	73	38.9	10.8	.56	1.16	12.3
STONEVILLE 213	968	AB	5.59	81	38.8	10.5	.53	1.12	12.0
COKER 310	961	AB	6.20	73	39.3	10.8	.56	1.18	12.4
STONEVILLE 7A	952	AB	5.50	83	39.6	10.1	.54	1.14	11.5
COKER 5110	947	AB	6.65	68	37.9	11.1	.56	1.18	12.6
STONEVILLE 603	942	AB	5.54	82	37.4	10.6	.52	1.11	12.0
DELTAPINE 45A	918	B	6.09	75	38.6	11.0	.53	1.09	12.6
COKER 8103	917	B	6.63	69	37.4	11.1	.54	1.14	13.5
DELCOT 277	901	B	6.82	67	36.9	12.8	.56	1.17	13.8
MCNAIR 511	809	C	5.58	81	35.7	11.1	.54	1.12	12.3
ACALA 1517-70	736	D	5.58	81	35.8	11.4	.55	1.16	15.2
LOCKETT 4789A	687	D	6.36	72	34.3	12.3	.54	1.11	12.8
			TUNICA, MISS.						
DELTAPINE 16	867	A	5.99	76	38.3	11.5	.57	1.21	12.2
DELTAPINE 25	862	AB	5.48	83	39.2	11.0	.54	1.16	12.7
STONEVILLE 7A	860	AB	5.53	83	37.5	11.3	.56	1.20	12.1
STONEVILLE 213	855	AB	5.82	78	37.7	11.6	.56	1.17	12.0
COKER 310	841	AB	5.81	78	40.6	11.2	.58	1.19	11.9
DELTAPINE 45A	817	ABC	5.47	83	38.5	11.3	.55	1.11	11.6
COKER 5110	800	ABCD	6.12	75	37.6	12.0	.58	1.21	12.6
STONEVILLE 603	784	ABCD	6.08	76	36.4	11.3	.56	1.17	12.0
COKER 8103	775	ABCD	5.97	77	36.8	11.9	.58	1.22	14.1
DELCOT 277	732	BCD	6.44	71	38.2	12.3	.57	1.18	13.0
ACALA 1517-70	712	CD	5.85	78	34.9	13.0	.60	1.24	16.2
MCNAIR 511	682	DE	5.14	88	36.0	11.5	.55	1.13	12.9
LOCKETT 4789A	583	F	6.55	69	35.1	12.7	.55	1.14	11.8
			CL'DALE, ARK.						
DELTAPINE 16	1012	A	6.11	75	37.9	10.8	.53	1.16	11.8
DELCOT 277	994	A	6.23	73	37.8	11.8	.56	1.18	12.6
STONEVILLE 213	971	A	6.07	75	38.5	11.1	.55	1.17	11.6
DELTAPINE 25	940	A	5.40	85	40.0	10.3	.56	1.17	12.5
DELTAPINE 45A	911	AB	5.23	87	37.6	10.7	.53	1.09	11.6
COKER 8103	910	AB	6.11	75	35.9	11.0	.58	1.23	13.2
STONEVILLE 603	897	AB	5.58	81	36.8	11.1	.54	1.18	11.8
ACALA 1517-70	890	AB	5.86	77	35.6	11.4	.54	1.14	14.9
COKER 5110	877	AB	6.36	71	36.7	11.2	.55	1.20	12.7
STONEVILLE 7A	872	AB	5.78	79	38.4	10.1	.53	1.17	11.6
COKER 310	851	AB	5.71	80	37.6	10.8	.57	1.23	12.2
MCNAIR 511	762	B	5.47	84	35.3	11.1	.56	1.15	12.6
LOCKETT 4789A	482	C	6.83	67	35.3	12.3	.53	1.13	12.9

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ST JOSEPH, LA.									
DELTAPINE 25	4.84	1.22	0.95	37.6	18.6	6.7	72	7.3	78
STONEVILLE 213	4.72	1.23	0.94	36.8	17.2	6.1	71	7.5	77
STONEVILLE 7A	4.90	1.21	0.91	38.5	18.1	5.5	71	7.5	75
COKER 5110	4.50	1.26	0.98	36.4	18.8	6.4	71	9.3	79
DELTAPINE 16	4.46	1.24	0.98	35.8	19.1	8.0	72	7.5	80
COKER 8103	4.15	1.28	1.03	39.6	20.7	5.6	72	8.3	81
DELTAPINE 45A	4.48	1.19	0.97	36.0	19.1	7.6	71	7.8	82
COKER 310	4.55	1.26	0.95	37.8	19.2	6.0	69	8.3	76
ACALA 1517-70	3.97	1.26	1.04	44.9	23.7	5.0	73	10.3	82
STONEVILLE 603	4.46	1.20	0.92	36.8	18.6	6.8	72	7.5	77
MCNAIR 511	4.38	1.17	0.93	40.5	19.9	6.2	71	7.5	80
DELCOT 277	3.88	1.30	1.06	36.0	20.8	8.3	68	9.0	82
LOCKETT 4789A	4.50	1.22	1.02	37.4	18.9	6.1	72	9.5	84
ST'VILLE, MISS.									
DELTAPINE 25	4.84	1.15	0.93	39.2	19.3	7.0	75	8.8	81
DELTAPINE 16	4.66	1.19	0.99	36.3	19.1	8.4	76	9.0	83
STONEVILLE 213	4.81	1.14	0.90	37.3	18.6	6.7	76	10.3	79
COKER 310	4.34	1.24	0.98	38.1	18.9	7.0	75	9.5	80
STONEVILLE 7A	4.80	1.15	0.90	39.9	18.2	5.8	76	9.0	79
COKER 5110	4.16	1.21	0.96	37.6	19.1	7.0	75	9.0	80
STONEVILLE 603	4.31	1.14	0.91	37.1	19.4	6.9	76	8.5	80
DELTAPINE 45A	4.66	1.15	0.98	36.3	19.9	8.4	75	9.3	86
COKER 8103	4.34	1.21	0.96	39.7	19.8	6.1	76	9.5	80
DELCOT 277	3.77	1.22	0.98	39.1	20.9	8.9	76	10.5	80
MCNAIR 511	4.60	1.13	0.91	38.8	19.2	6.6	75	9.3	81
ACALA 1517-70	3.86	1.22	0.99	47.0	22.6	5.7	75	8.8	81
LOCKETT 4789A	4.22	1.14	0.94	39.7	18.8	6.8	76	9.0	82
TUNICA, MISS.									
DELTAPINE 16	4.75	1.17	0.93	36.0	19.0	8.4	75	7.5	80
DELTAPINE 25	4.98	1.18	0.97	38.1	19.6	7.1	74	8.3	82
STONEVILLE 7A	4.67	1.17	0.93	39.1	18.5	5.9	74	8.8	80
STONEVILLE 213	4.79	1.18	0.95	37.2	19.2	6.7	75	•9.3	81
COKER 310	5.06	1.19	0.96	36.8	19.6	6.2	73	8.3	81
DELTAPINE 45A	5.14	1.12	0.95	35.9	19.0	7.3	73	7.8	85
COKER 5110	4.70	1.20	0.94	37.0	19.4	6.7	73	7.8	79
STONEVILLE 603	4.40	1.15	0.93	38.0	20.0	6.8	75	8.5	81
COKER 8103	4.23	1.23	1.02	41.1	21.0	6.3	73	7.3	83
DELCOT 277	4.39	1.19	0.98	37.2	21.1	8.5	72	8.5	83
ACALA 1517-70	4.05	1.26	1.05	45.7	24.6	5.3	73	8.0	84
MCNAIR 511	4.83	1.15	0.96	34.4	20.5	6.0	74	8.3	84
LOCKETT 4789A	4.53	1.13	0.90	36.8	17.7	6.5	73	8.3	80
CL'DALE, ARK.									
DELTAPINE 16	4.69	1.17	0.98	35.4	18.3	9.0	74	6.8	84
DELCOT 277	4.49	1.20	1.02	36.8	20.1	9.3	72	8.5	85
STONEVILLE 213	5.15	1.19	1.01	37.3	19.2	7.2	73	7.8	85
DELTAPINE 25	4.67	1.18	0.96	40.0	20.1	6.6	74	7.0	82
DELTAPINE 45A	4.92	1.13	0.95	36.1	18.7	8.6	73	7.0	84
COKER 8103	4.25	1.23	1.05	39.1	20.2	6.8	74	7.3	86
STONEVILLE 603	4.39	1.18	0.99	37.7	19.0	7.3	75	7.8	84
ACALA 1517-70	4.19	1.18	1.00	46.9	23.1	5.7	73	7.5	85
COKER 5110	4.35	1.22	1.00	38.3	19.8	7.3	74	6.8	82
STONEVILLE 7A	4.95	1.17	0.94	40.0	18.6	5.7	74	7.3	80
COKER 310	4.65	1.25	1.02	38.5	18.7	7.0	73	7.8	82
MCNAIR 511	4.75	1.15	0.98	40.0	20.2	6.4	71	7.3	85
LOCKETT 4789A	4.31	1.16	0.98	39.3	18.7	6.7	74	7.3	84

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
			PORT'VILLE, MO.						
DELCOT 277	1177	A	6.95	66	39.7	13.1	.50	1.15	11.7
COKER 310	1168	A	6.35	72	42.5	11.3	.51	1.19	11.0
COKER 8103	1156	AB	6.55	70	40.1	11.7	.50	1.16	12.0
COKER 5110	1122	ABC	6.80	67	40.1	11.6	.50	1.16	10.7
DELTAPINE 45A	1099	ABC	5.85	78	40.8	11.0	.49	1.10	10.8
STONEVILLE 603	1051	ABCD	6.55	70	39.1	11.3	.48	1.10	9.9
STONEVILLE 213	1048	ABCD	6.50	70	40.4	11.1	.50	1.14	10.6
DELTAPINE 25	1011	BCDE	5.80	79	42.5	10.6	.49	1.11	10.7
STONEVILLE 7A	983	CDE	5.90	77	40.1	10.9	.49	1.11	10.1
DELTAPINE 16	970	CDE	6.15	74	40.9	11.5	.49	1.14	10.4
LOCKETT 4789A	935	DE	7.15	64	38.4	12.9	.50	1.10	10.4
MCNAIR 511	889	E	5.90	77	39.4	12.0	.48	1.08	10.9
ACALA 1517-70	665	F	6.45	71	38.1	13.0	.51	1.16	12.5
			RIDGELY, TN.						
COKER 310	1183	A	6.09	75	41.2	10.8	.52	1.18	11.6
STONEVILLE 7A	1092	B	5.27	86	39.7	10.7	.52	1.14	11.2
DELCOT 277	1073	BC	6.50	70	38.5	13.0	.57	1.21	13.5
COKER 5110	1054	BCD	6.36	72	39.1	11.4	.51	1.15	12.5
STONEVILLE 213	1022	BCD	5.76	79	39.5	11.4	.55	1.15	11.9
STONEVILLE 603	1009	BCD	5.87	77	38.0	11.9	.52	1.12	11.8
DELTAPINE 16	990	CD	6.35	71	38.8	12.1	.52	1.15	11.6
DELTAPINE 25	979	CD	5.73	79	41.3	11.0	.57	1.16	12.6
DELTAPINE 45A	973	D	6.15	74	39.9	11.8	.57	1.14	11.9
COKER 8103	962	D	6.42	71	38.1	11.6	.53	1.16	13.1
MCNAIR 511	863	E	5.72	79	38.3	11.8	.53	1.12	12.6
LOCKETT 4789A	811	EF	5.85	78	35.8	12.0	.50	1.09	11.6
ACALA 1517-70	745	F	5.88	77	36.9	12.7	.53	1.18	14.4
			ROHWER, ARK.						
STONEVILLE 213	1326	A			39.1	9.8			
COKER 310	1298	AB			41.8	11.0			
COKER 8103	1265	AB			38.0	10.5			
STONEVILLE 7A	1232	AB			39.8	9.8			
DELTAPINE 16	1213	ABC			39.5	9.4			
STONEVILLE 603	1193	ABC			38.0	10.7			
DELCOT 277	1167	BCD			40.3	12.5			
DELTAPINE 25	1164	BCD			40.2	9.3			
COKER 5110	1163	BCD			37.9	10.5			
DELTAPINE 45A	1083	CD			41.3	10.3			
MCNAIR 511	1048	DE			38.9	10.2			
ACALA 1517-70	927	E			37.6	11.2			
LOCKETT 4789A	920	E			36.7	11.5			

1972 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
PORTAGEVILLE, MO.									
DELCOT 277	4.03	1.19	0.98	34.0	18.2	9.2	67	7.8	82
COKER 310	4.45	1.16	0.87	35.3	18.0	7.0	67	7.3	75
COKER 8103	4.29	1.16	0.92	36.9	19.0	5.7	68	7.5	80
COKER 5110	4.44	1.17	0.89	34.2	17.0	6.9	66	7.3	77
DELTAPINE 45A	4.60	1.14	0.92	32.0	16.9	8.2	68	7.0	81
STONEVILLE 603	4.31	1.11	0.86	33.8	16.9	8.0	68	8.0	78
STONEVILLE 213	4.77	1.17	0.95	33.8	17.5	6.3	68	7.3	82
DELTAPINE 25	4.71	1.14	0.93	33.0	16.6	7.2	69	7.3	82
STONEVILLE 7A	4.88	1.11	0.89	34.8	16.3	6.2	68	7.0	80
DELTAPINE 16	4.45	1.11	0.85	34.0	17.2	8.6	69	7.0	76
LOCKETT 4789A	4.23	1.12	0.88	33.7	16.3	6.9	69	7.5	79
MCNAIR 511	4.57	1.11	0.90	36.0	17.8	6.9	69	8.0	82
ACALA 1517-70	4.10	1.17	0.88	41.1	21.1	5.6	68	8.5	76
RIDGELY, TN.									
COKER 310	4.57	1.19	0.91	35.7	19.2	7.2	75	8.3	77
STONEVILLE 7A	4.69	1.14	0.86	36.2	16.8	6.8	76	8.0	76
DELCOT 277	4.38	1.25	1.04	35.4	19.5	10.6	73	9.3	83
COKER 5110	4.28	1.21	0.96	35.7	18.3	8.3	76	8.5	80
STONEVILLE 213	4.68	1.16	0.93	33.2	17.6	8.3	76	9.3	80
STONEVILLE 603	4.35	1.17	0.94	33.6	18.0	8.1	75	8.0	81
DELTAPINE 16	4.89	1.18	0.96	33.7	18.5	9.1	77	8.0	82
DELTAPINE 25	4.69	1.18	0.98	35.4	17.7	8.3	76	8.5	83
DELTAPINE 45A	4.68	1.17	0.98	32.9	17.9	8.7	75	7.3	84
COKER 8103	4.33	1.23	1.02	37.4	19.0	6.7	75	8.0	83
MCNAIR 511	4.80	1.15	0.95	36.7	19.1	7.1	76	9.3	83
LOCKETT 4789A	3.85	1.14	0.93	35.8	17.6	7.8	76	7.8	82
ACALA 1517-70	4.18	1.20	0.95	42.7	22.0	6.3	75	8.8	80
ROHWER, ARK.									
STONEVILLE 213									
COKER 310									
COKER 8103									
STONEVILLE 7A									
DELTAPINE 16									
STONEVILLE 603									
DELCOT 277									
DELTAPINE 25									
COKER 5110									
DELTAPINE 45A									
MCNAIR 511									
ACALA 1517-70									
LOCKETT 4789A									

1972 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
DELTAPINE 16	980 A	5.72	80	37.7	10.6	.54	1.16	11.4
TAMCOT SP-37	946 A	6.06	76	37.4	11.3	.52	1.13	10.6
STONEVILLE 7A	920 AB	5.41	85	38.3	10.8	.53	1.15	11.0
STONEVILLE 213	911 ABC	5.39	85	37.6	10.5	.53	1.12	10.7
COKER 310	889 ABC	5.39	85	38.6	11.0	.54	1.19	11.4
TPSA 110	790 ABC	5.67	81	36.2	11.7	.51	1.17	11.2
LOCKETT 4789A	710 BC	6.14	75	34.9	12.2	.53	1.11	11.4
ACALA 1517-70	695 C	5.97	77	35.5	12.3	.56	1.19	14.1

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
BRADLEY, ARK.	1113 A	5.41	84	38.6	11.6	.53	1.14	11.4
COL. STA., TEX.	1085 A	5.96	77	33.5	11.1	.54	1.18	11.8
BOSSIER C., LA.	1076 A	5.84	78	40.5	11.7	.53	1.18	11.9
NICES CT., TEX.	626 B	5.14	89	36.5	10.6	.53	1.10	11.3
WESLACO, TEX.	377 C	6.24	73	36.0	11.5	.54	1.17	11.1

BOLL SIZE, GRAM PER BOLL

LOCKETT 4789A	6.14 A
TAMCOT SP-37	6.06 AB
ACALA 1517-70	5.97 AB
DELTAPINE 16	5.72 ABC
TPSA 110	5.67 BC
STONEVILLE 7A	5.41 C
STONEVILLE 213	5.39 C
COKER 310	5.39 C

BOLL SIZE, NO. PER LB.

COKER 310	85 A
STONEVILLE 7A	85 A
STONEVILLE 213	85 A
TPSA 110	81 AB
DELTAPINE 16	80 AB
ACALA 1517-70	77 B
TAMCOT SP-37	76 B
LOCKETT 4789A	75 B

1972 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
DELTAPINE 16	4.71	1.16	0.92	33.8	18.4	9.0	72	7.3	80
TAMCOT SP-37	4.03	1.11	0.85	33.2	17.3	7.5	73	6.8	77
STONEVILLE 7A	4.97	1.17	0.93	36.7	18.2	6.1	71	7.4	80
STONEVILLE 213	5.04	1.15	0.94	34.1	17.8	7.8	71	8.0	82
COKER 310	4.83	1.19	0.93	35.8	18.5	6.9	70	8.2	78
TPSA 110	4.73	1.13	0.88	36.9	17.8	6.0	71	7.7	78
LOCKETT 4789A	4.53	1.12	0.92	36.0	18.6	6.8	72	8.5	82
ACALA 1517-70	4.26	1.18	0.94	44.2	22.3	5.6	71	7.8	79

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
BRADLEY, ARK.	4.98	1.15	0.92	39.2	19.0	6.5	70	6.6	80
COL. STA., TEX.	4.42	1.16	0.90	35.7	19.1	7.2	70	6.3	77
BOSSIER C., LA.	4.74	1.17	0.96	38.6	19.0	6.7	76	9.3	82
NUECES CT., TEX.	4.94	1.10	0.88	35.1	18.5	7.0	69	6.9	80
WESLACO, TEX.	4.12	1.17	0.92	33.1	17.5	7.5	71	9.4	79

LINT PCT.	
COKER 310	38.6 A
STONEVILLE 7A	38.3 A
DELTAPINE 16	37.7 A
STONEVILLE 213	37.6 A
TAMCOT SP-37	37.4 AB
TPSA 110	36.2 BC
ACALA 1517-70	35.5 C
LOCKETT 4789A	34.9 C

SEED INDEX	
ACALA 1517-70	12.3 A
LOCKETT 4789A	12.2 A
TPSA 110	11.7 AB
TAMCOT SP-37	11.3 BC
COKER 310	11.0 BCD
STONEVILLE 7A	10.8 CD
DELTAPINE 16	10.6 CD
STONEVILLE 213	10.5 D

1972 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

ACALA 1517-70	0.56	A
COKER 310	0.54	B
DELTAPINE 16	0.54	B
LOCKETT 4789A	0.53	BC
STONEVILLE 7A	0.53	BC
STONEVILLE 213	0.53	BC
TAMCOT SP-37	0.52	CD
TPSA 110	0.51	D

SPAN LENGTH, 2.5 PCT.

ACALA 1517-70	1.19	A
COKER 310	1.19	A
TPSA 110	1.17	AB
DELTAPINE 16	1.16	AB
STONEVILLE 7A	1.15	AB
TAMCOT SP-37	1.13	AB
STONEVILLE 213	1.12	AB
LOCKETT 4789A	1.11	B

DRAWING SLIVER, UHM

COKER 310	1.19	A
ACALA 1517-70	1.18	AB
STONEVILLE 7A	1.17	ABC
DELTAPINE 16	1.16	BC
STONEVILLE 213	1.15	CD
TPSA 110	1.13	DE
LOCKETT 4789A	1.12	E
TAMCOT SP-37	1.11	E

DRAWING SLIVER, MEAN

STONEVILLE 213	0.94	A
ACALA 1517-70	0.94	A
STONEVILLE 7A	0.93	A
COKER 310	0.93	A
LOCKETT 4789A	0.92	AB
DELTAPINE 16	0.92	AB
TPSA 110	0.88	BC
TAMCOT SP-37	0.85	C

UNIFORMITY RATIO

STONEVILLE 213	82	A
LOCKETT 4789A	82	A
STONEVILLE 7A	80	AB
DELTAPINE 16	80	AB
ACALA 1517-70	79	AB
TPSA 110	78	B
COKER 310	78	B
TAMCOT SP-37	77	B

MICRONAIRE

STONEVILLE 213	5.04	A
STONEVILLE 7A	4.97	A
COKER 310	4.83	AB
TPSA 110	4.73	BC
DELTAPINE 16	4.71	BC
LOCKETT 4789A	4.53	C
ACALA 1517-70	4.26	D
TAMCOT SP-37	4.03	E

1972 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

DELTAPINE 16	9.0	A
STONEVILLE 213	7.8	B
TAMCOT SP-37	7.5	B
COKER 310	6.9	C
LOCKETT 4789A	6.8	C
STONEVILLE 7A	6.1	D
TPSA 110	6.0	DE
ACALA 1517-70	5.6	E

YARN TENACITY

ACALA 1517-70	14.1	A
COKER 310	11.4	B
DELTAPINE 16	11.4	B
LOCKETT 4789A	11.4	B
TPSA 110	11.2	BC
STONEVILLE 7A	11.0	BCD
STONEVILLE 213	10.7	CD
TAMCOT SP-37	10.6	D

STELOMETER - TO

ACALA 1517-70	44.2	A
TPSA 110	36.9	B
STONEVILLE 7A	36.7	BC
LOCKETT 4789A	36.0	BC
COKER 310	35.8	C
STONEVILLE 213	34.1	D
DELTAPINE 16	33.8	D
TAMCOT SP-37	33.2	D

STELOMETER - T1

ACALA 1517-70	22.3	A
LOCKETT 4789A	18.6	B
COKER 310	18.5	B
DELTAPINE 16	18.4	B
STONEVILLE 7A	18.2	BC
STONEVILLE 213	17.8	BC
TPSA 110	17.8	BC
TAMCOT SP-37	17.3	C

COLORIMETER -B

LOCKETT 4789A	8.5	A
COKER 310	8.2	AB
STONEVILLE 213	8.0	AB
ACALA 1517-70	7.8	ABC
TPSA 110	7.7	ABC
STONEVILLE 7A	7.4	BC
DELTAPINE 16	7.3	BC
TAMCOT SP-37	6.8	C

COLORIMETER -RD

TAMCOT SP-37	73	A
DELTAPINE 16	72	AB
LOCKETT 4789A	72	AB
STONEVILLE 213	71	BC
ACALA 1517-70	71	BC
TPSA 110	71	BC
STONEVILLE 7A	71	BC
COKER 310	70	C

1972 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
			COL. STA., TEX.						
TAMCOT SP-37	1409	A	6.23	73	33.7	10.7	.51	1.13	10.4
TPSA 110	1241	AB	5.28	89	33.3	10.8	.51	1.13	11.8
STONEVILLE 7A	1130	BC	5.73	79	34.4	11.0	.55	1.19	11.7
COKER 310	1101	BC	5.76	79	34.9	10.6	.54	1.23	11.8
DELTAPINE 16	1084	BCD	5.82	78	34.3	10.3	.56	1.22	11.8
STONEVILLE 213	1005	BCD	5.38	86	33.4	10.6	.54	1.16	11.0
LOCKETT 4789A	878	CD	6.99	65	30.7	12.6	.54	1.15	11.3
ACALA 1517-70	828	D	6.47	70	33.5	12.4	.55	1.20	14.2
			WESLACO, TEX.						
TAMCOT SP-37	642	A	6.70	68	36.0	12.3	.54	1.19	10.7
COKER 310	406	B	5.90	77	38.3	10.5	.54	1.19	11.2
LOCKETT 4789A	391	BC	6.95	66	33.8	12.7	.53	1.14	10.4
DELTAPINE 16	389	BC	6.10	75	36.7	10.5	.55	1.17	11.3
STONEVILLE 7A	373	BC	5.75	79	37.2	10.1	.54	1.17	10.9
STONEVILLE 213	320	BC	5.95	77	36.3	10.3	.53	1.13	9.9
TPSA 110	309	C	6.40	71	34.4	12.8	.51	1.15	10.7
ACALA 1517-70	182	D	6.15	75	35.2	12.7	.56	1.23	13.6
			BRADLEY, ARK.						
DELTAPINE 16	1486	A	5.60	81	39.9	10.9	.52	1.13	11.1
STONEVILLE 213	1412	A	5.12	89	40.0	10.9	.52	1.11	10.4
STONEVILLE 7A	1255	B	4.81	95	39.8	10.8	.53	1.15	10.4
COKER 310	1099	C	5.27	87	39.6	11.7	.53	1.18	11.2
TAMCOT SP-37	1001	CD	5.72	79	38.6	11.0	.49	1.09	10.4
ACALA 1517-70	998	CD	5.83	78	35.4	13.0	.56	1.18	14.6
TPSA 110	865	DE	5.41	85	38.0	12.0	.50	1.12	10.6
LOCKETT 4789A	789	E	5.56	82	37.0	12.4	.54	1.12	11.9
			BOSSIER C., LA.						
DELTAPINE 16	1309	A	5.72	80	41.2	11.1	.54	1.16	11.9
STONEVILLE 7A	1274	AB	5.94	77	43.3	11.6	.53	1.15	11.0
COKER 310	1216	AB	5.27	87	42.3	11.4	.54	1.18	11.6
STONEVILLE 213	1150	B	5.60	81	41.8	10.9	.52	1.12	11.5
TPSA 110	953	C	5.70	80	39.4	11.8	.49	1.39	11.5
ACALA 1517-70	919	C	6.13	74	37.4	12.4	.55	1.16	14.1
LOCKETT 4789A	893	C	5.79	79	38.7	12.3	.54	1.09	11.8
TAMCOT SP-37	891	C	6.57	69	39.5	12.2	.52	1.15	11.1
			NICES CT., TEX.						
TAMCOT SP-37	765	A	5.07	90	39.2	10.2	.51	1.08	10.3
STONEVILLE 213	669	B	4.92	93	36.2	9.8	.52	1.07	10.7
DELTAPINE 16	632	BC	5.37	85	36.0	10.0	.53	1.10	10.8
COKER 310	625	BC	4.75	96	37.8	10.6	.53	1.13	11.0
LOCKETT 4789A	601	CD	5.41	84	34.1	11.2	.50	1.05	11.6
TPSA 110	581	CD	5.57	82	36.0	11.1	.51	1.07	11.2
STONEVILLE 7A	569	CD	4.80	95	36.6	10.6	.51	1.09	10.8
ACALA 1517-70	547	D	5.24	87	35.6	10.8	.56	1.17	13.8

1972 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COL. STA., TEX.									
TAMCOT SP-37	3.89	1.10	0.84	32.1	17.6	7.6	71	5.0	77
TPSA 110	4.66	1.15	0.90	36.5	17.5	6.3	70	6.0	78
STONEVILLE 7A	4.77	1.19	0.92	36.0	18.7	6.6	69	6.8	78
COKER 310	4.56	1.18	0.87	35.5	19.5	6.9	69	6.3	74
DELTAPINE 16	4.26	1.17	0.87	33.1	18.5	9.1	72	5.5	74
STONEVILLE 213	4.61	1.18	0.95	33.6	18.7	8.4	70	6.3	81
LOCKETT 4789A	4.30	1.14	0.91	35.1	18.5	7.3	71	8.5	80
ACALA 1517-70	4.32	1.18	0.88	43.3	23.3	5.4	69	6.3	75
WESLACO, TEX.									
TAMCOT SP-37	3.70	1.15	0.86	31.0	16.8	7.5	72	8.3	75
COKER 310	4.28	1.21	0.93	31.5	16.8	7.4	69	10.5	77
LOCKETT 4789A	4.19	1.12	0.92	32.0	16.7	7.5	72	9.3	83
DELTAPINE 16	3.90	1.19	0.96	31.5	17.4	9.8	72	8.8	82
STONEVILLE 7A	4.27	1.17	0.95	34.7	18.1	6.9	72	9.0	81
STONEVILLE 213	4.69	1.16	0.93	31.1	16.8	7.9	70	9.8	80
TPSA 110	4.20	1.11	0.86	33.6	17.1	6.3	69	9.5	77
ACALA 1517-70	3.70	1.19	0.93	39.6	19.8	6.2	72	10.5	78
BRADLEY, ARK.									
DELTAPINE 16	5.28	1.15	0.94	36.9	18.9	7.8	71	6.5	82
STONEVILLE 213	5.54	1.16	0.96	36.4	18.0	7.4	68	6.8	83
STONEVILLE 7A	5.34	1.15	0.91	39.5	17.4	5.4	70	6.0	79
COKER 310	5.14	1.20	0.96	39.1	18.7	6.5	67	7.5	81
TAMCOT SP-37	4.16	1.07	0.81	36.0	17.7	7.4	73	6.5	76
ACALA 1517-70	4.54	1.20	0.99	47.8	24.3	5.4	70	6.3	83
TPSA 110	5.10	1.15	0.92	38.7	17.6	5.9	70	7.0	80
LOCKETT 4789A	4.72	1.13	0.88	38.9	19.3	6.0	70	6.5	78
BOSSIER C., LA.									
DELTAPINE 16	4.96	1.17	0.94	35.3	18.8	9.4	76	9.3	81
STONEVILLE 7A	5.29	1.18	0.97	38.5	18.6	5.4	77	9.0	82
COKER 310	4.76	1.21	0.97	37.8	18.7	6.9	77	10.8	80
STONEVILLE 213	5.17	1.17	0.99	37.0	17.9	7.3	76	9.5	85
TPSA 110	4.65	1.14	0.91	39.0	18.6	5.5	77	8.8	80
ACALA 1517-70	4.35	1.17	0.95	46.9	21.7	5.5	77	10.0	81
LOCKETT 4789A	4.64	1.13	0.96	39.2	19.8	6.3	76	9.5	86
TAMCOT SP-37	4.07	1.16	0.94	34.8	18.0	7.3	76	7.5	82
NACES CT., TEX.									
TAMCOT SP-37	4.34	1.05	0.79	32.2	16.3	7.8	73	6.8	76
STONEVILLE 213	5.19	1.09	0.87	32.1	17.5	7.8	70	7.8	80
DELTAPINE 16	5.16	1.08	0.86	32.1	18.2	8.9	71	6.3	80
COKER 310	5.41	1.14	0.92	34.8	18.9	6.6	67	6.0	81
LOCKETT 4789A	4.80	1.08	0.91	34.6	18.5	6.9	70	8.8	85
TPSA 110	5.02	1.08	0.82	36.4	18.4	5.8	69	7.3	77
STONEVILLE 7A	5.19	1.13	0.90	34.7	17.9	6.2	70	6.5	80
ACALA 1517-70	4.40	1.17	0.93	43.5	22.2	5.6	66	6.3	79

1972 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
TAMCOT 788	505	A	6.19	76	36.7	11.5	.52	1.13	12.9
COKER 5110	477	AB	6.13	76	37.6	11.5	.55	1.18	12.2
LOCKETT BXL	464	ABC	6.25	74	35.7	12.0	.52	1.13	11.9
DELTAPINE 16	457	ABC	5.50	84	36.8	11.3	.54	1.17	11.8
COKER 310	452	ABCD	5.53	84	38.0	11.8	.55	1.20	11.9
PAYMASTER 202	451	ABCD	6.68	69	35.5	12.5	.49	1.02	11.8
WESTBURN 70	449	ABCD	5.86	79	35.0	11.4	.50	1.09	10.7
LOCKETT 4789A	448	ABCD	5.91	78	33.8	11.8	.53	1.13	11.9
STRIPPER CALA S	443	ABCD	6.28	74	34.0	12.2	.51	1.10	12.3
PAYMASTER 111-A	436	BCD	7.40	63	35.1	12.9	.52	1.10	12.0
LOCKETT 4789	418	BCD	6.34	74	33.2	12.1	.52	1.11	11.4
ACALA 1517-70	402	CDE	6.04	77	35.0	13.3	.57	1.20	15.0
LANKART LX571	398	CDE	7.24	65	35.6	13.8	.52	1.11	10.7
GREGG 35W	386	DE	5.97	77	34.6	12.7	.51	1.06	13.0
LANKART 3840	347	E	6.79	68	34.9	13.1	.54	1.13	11.6

SUBREGIONAL SUMMARY COMBINING LUBBOCK (IRR) AND LUBBOCK (DRY), PLAINVIEW AND LAMESA

TAMCOT 788	797	A	6.02	76	36.6	10.3	.52	1.15	12.9
COKER 5110	723	AB	5.94	77	37.1	10.3	.54	1.19	12.0
STRIPPER CALA S	677	BC	5.90	77	34.1	11.0	.49	1.10	12.1
COKER 310	672	BC	5.58	83	37.5	10.5	.54	1.22	12.2
LOCKETT BXL	656	BCD	6.15	74	35.0	11.6	.52	1.14	11.9
PAYMASTER 202	646	BCD	6.54	71	34.5	11.5	.49	1.02	11.5
ACALA 1517-70	642	BCD	6.30	73	33.3	12.6	.57	1.21	14.7
LOCKETT 4789A	626	BCD	5.71	81	33.9	11.0	.52	1.15	11.8
DELTAPINE 16	626	BCD	5.13	89	36.3	10.3	.53	1.17	11.6
PAYMASTER 111-A	625	BCD	7.48	62	34.1	12.3	.52	1.11	12.0
WESTBURN 70	624	BCD	5.75	80	34.9	10.6	.48	1.09	10.5
LOCKETT 4789	595	CD	6.03	78	30.0	11.3	.51	1.13	11.2
GREGG 35W	556	CDE	6.22	74	34.4	12.0	.51	1.09	12.9
LANKART LX571	546	DE	6.82	68	34.3	13.0	.51	1.11	10.6
LANKART 3840	451	E	6.34	73	32.9	12.1	.53	1.15	11.8

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS, CHICKASHA (IRR), MANGUM AND CHICKASHA (DRY

DELTAPINE 16	345	A	5.75	81	37.1	12.0	.55	1.17	11.8
LOCKETT BXL	337	AB	6.32	74	36.1	12.3	.53	1.12	11.9
WESTBURN 70	333	ABC	5.93	78	35.2	11.9	.51	1.09	10.8
LOCKETT 4789A	330	ABC	6.04	77	33.7	12.3	.53	1.12	12.0
PAYMASTER 202	320	ABCD	6.77	69	36.1	13.1	.50	1.01	12.0
COKER 5110	313	ABCD	6.25	75	37.9	12.3	.56	1.17	12.3
PAYMASTER 111-A	310	ABCD	7.34	63	35.7	13.3	.52	1.10	12.0
TAMCOT 788	310	ABCD	6.30	75	36.8	12.4	.52	1.12	12.9
COKER 310	306	ABCD	5.49	84	38.4	12.6	.55	1.18	11.7
LANKART LX571	300	ABCD	7.52	63	36.4	14.3	.53	1.10	10.8
LOCKETT 4789	300	ABCD	6.54	71	35.4	12.6	.53	1.10	11.5
STRIPPER CALA S	286	BCDE	6.52	71	34.0	13.0	.51	1.10	12.4
LANKART 3840	277	CDE	7.09	65	36.2	13.8	.54	1.11	11.4
GREGG 35W	272	DE	5.81	79	34.7	13.2	.51	1.04	13.0
ACALA 1517-70	242	E	5.88	79	36.2	13.7	.56	1.19	15.3

1972 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
TAMCOT 788	4.03	1.12	0.91	41.0	20.6	6.5	74	7.8	81
COKER 5110	4.46	1.19	0.97	35.5	18.8	8.2	73	7.6	82
LOCKETT BXL	4.37	1.13	0.94	36.2	18.9	8.0	73	7.8	83
DELTAPINE 16	4.60	1.17	0.97	33.8	18.5	10.1	74	7.3	83
COKER 310	4.69	1.20	0.98	35.8	18.9	8.1	72	7.9	82
PAYMASTER 202	4.65	1.02	0.87	37.2	19.3	7.6	74	7.3	85
WESTBURN 70	3.94	1.07	0.87	33.9	17.4	8.5	74	7.8	81
LOCKETT 4789A	4.30	1.13	0.93	36.3	18.6	7.9	74	7.8	82
STRIPPER CALA S	4.20	1.08	0.89	39.5	19.5	6.9	74	7.6	82
PAYMASTER 111-A	4.68	1.11	0.93	37.3	19.2	7.7	73	7.5	84
LOCKETT 4789	4.47	1.12	0.93	35.9	18.4	7.9	73	7.8	83
ACALA 1517-70	4.34	1.21	1.00	44.2	23.1	6.6	73	8.0	83
LANKART LX571	4.74	1.11	0.92	33.8	17.3	8.7	73	7.9	83
GREGG 35W	4.22	1.07	0.90	38.8	20.7	8.0	73	7.5	84
LANKART 3840	4.90	1.14	0.95	37.2	19.0	7.3	73	7.4	83

SUBREGIONAL SUMMARY COMBINING LUBBOCK (IRR) AND LUBBOCK (DRY), PLAINVIEW AND LAMESA

TAMCOT 788	3.78	1.15	0.93	37.7	19.9	7.3	78	7.8	81
COKER 5110	3.90	1.20	0.98	32.6	17.7	9.2	77	7.9	82
STRIPPER CALA S	3.75	1.09	0.88	36.2	18.5	8.0	78	7.6	81
COKER 310	4.21	1.23	1.01	33.3	18.1	9.1	76	7.9	82
LOCKETT BXL	3.94	1.15	0.95	32.9	18.0	9.2	78	8.0	83
PAYMASTER 202	4.14	1.04	0.87	33.1	17.9	8.7	78	7.6	84
ACALA 1517-70	4.10	1.23	1.03	40.6	21.8	7.3	78	8.0	83
LOCKETT 4789A	3.77	1.16	0.96	32.9	17.7	8.7	78	7.9	82
DELTAPINE 16	3.97	1.17	0.97	30.8	17.3	11.2	78	7.6	83
PAYMASTER 111-A	4.26	1.12	0.93	34.3	18.0	8.7	77	8.0	83
WESTBURN 70	3.59	1.07	0.85	31.3	16.6	9.4	77	8.0	80
LOCKETT 4789	3.78	1.12	0.91	32.8	17.1	8.7	78	8.3	81
GREGG 35W	3.79	1.12	0.95	35.4	20.1	9.2	77	8.2	85
LANKART LX571	4.19	1.13	0.93	30.8	16.5	9.7	77	8.0	82
LANKART 3840	3.98	1.16	0.96	33.5	17.9	8.2	78	7.4	83

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS, CHICKASHA (IRR), MANGUM AND CHICKASHA (DRY

DELTAPINE 16	5.03	1.17	0.98	35.8	19.2	9.4	72	7.2	83
LOCKETT BXL	4.65	1.12	0.94	38.3	19.5	7.3	71	7.6	84
WESTBURN 70	4.18	1.07	0.88	35.6	17.9	7.8	71	7.8	81
LOCKETT 4789A	4.64	1.11	0.92	38.5	19.3	7.3	71	7.7	83
PAYMASTER 202	4.98	1.01	0.87	39.9	20.2	6.8	71	7.1	86
COKER 5110	4.84	1.17	0.97	37.3	19.6	7.5	70	7.4	82
PAYMASTER 111-A	4.97	1.10	0.93	39.4	19.9	7.1	70	7.2	85
TAMCOT 788	4.20	1.10	0.89	43.1	21.2	6.0	71	7.9	81
COKER 310	5.01	1.18	0.97	37.4	19.5	7.5	70	8.0	82
LANKART LX571	5.10	1.10	0.92	35.8	17.9	8.0	70	7.8	83
LOCKETT 4789	4.93	1.11	0.93	38.0	19.2	7.3	71	7.5	84
STRIPPER CALA S	4.50	1.08	0.89	41.6	20.2	6.2	71	7.6	82
LANKART 3840	5.51	1.12	0.94	39.7	19.7	6.7	70	7.5	84
GREGG 35W	4.51	1.04	0.87	41.0	21.2	7.2	70	7.0	84
ACALA 1517-70	4.50	1.19	0.98	46.7	24.0	6.1	71	8.0	82

1972 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
LAMESA, TEX	778 A	6.80	68	34.6	11.4	.51	1.13	11.7
CH.(IRR), OKLA.	764 A	7.77	59	36.4	13.1	.58	1.19	12.9
LUBBOCK (DRY)	660 B	6.17	74	34.9	11.6	.53	1.13	12.2
PLAINVIEW, TEX	596 C	6.39	72	36.9	11.5	.50	1.10	11.4
CL.(IRR.), TEX.	498 D	6.95	66	34.1	13.8	.54	1.13	12.1
LUBBOCK (IRR)	489 D	5.15	89	31.9	11.0	.54	1.18	12.7
ALTUS, OKLA.	189 E	6.26	73	35.2	13.9	.56	1.15	12.5
CL.(DRY), TEX.	171 E	4.99	92	38.2	10.5	.46	0.99	10.4
CH.(DRY), OKLA.	156 E	5.53	83	37.5	12.1	.51	1.08	12.5
MANGUM, OKLA.	53 F	6.72	69	34.6	13.7	.55	1.16	12.3

BOLL SIZE, GRAM PER BOLL

PAYMASTER 111-A	7.40 A
LANKART LX571	7.24 A
LANKART 3840	6.79 B
PAYMASTER 202	6.68 B
LOCKETT 4789	6.34 C
STRIPPER CALA S	6.28 CD
LOCKETT BXL	6.25 CDE
TAMCOT 788	6.19 CDEF
COKER 5110	6.13 CDEF
ACALA 1517-70	6.04 CDEF
GREGG 35W	5.97 DEF
LOCKETT 4789A	5.91 EF
WESTBURN 70	5.86 F
COKER 310	5.53 G
DELTAPINE 16	5.50 G

BOLL SIZE, NO. PER LB.

DELTAPINE 16	84 A
COKER 310	84 A
WESTBURN 70	79 B
LOCKETT 4789A	78 BC
ACALA 1517-70	77 BC
GREGG 35W	77 BC
TAMCOT 788	76 BC
COKER 5110	76 BC
LOCKETT BXL	74 C
STRIPPER CALA S	74 C
LOCKETT 4789	74 C
PAYMASTER 202	69 D
LANKART 3840	68 D
LANKART LX571	65 DE
PAYMASTER 111-A	63 E

LINT PCT.

COKER 310	38.0 A
COKER 5110	37.6 A
DELTAPINE 16	36.8 AB
TAMCOT 788	36.7 ABC
LOCKETT BXL	35.7 BCD
LANKART LX571	35.6 BCD
PAYMASTER 202	35.5 BCDE
PAYMASTER 111-A	35.1 CDE
ACALA 1517-70	35.0 DE
WESTBURN 70	35.0 DE
LANKART 3840	34.9 DE
GREGG 35W	34.6 DEF
STRIPPER CALA S	34.0 DEF
LOCKETT 4789A	33.8 EF
LOCKETT 4789	33.2 F

SEED INDEX

LANKART LX571	13.8 A
ACALA 1517-70	13.3 AB
LANKART 3840	13.1 BC
PAYMASTER 111-A	12.9 BCD
GREGG 35W	12.7 CDE
PAYMASTER 202	12.5 DEF
STRIPPER CALA S	12.2 EFG
LOCKETT 4789	12.1 FG
LOCKETT BXL	12.0 FGH
LOCKETT 4789A	11.8 GHI
COKER 310	11.8 GHI
TAMCOT 788	11.5 HI
COKER 5110	11.5 HI
WESTBURN 70	11.4 I
DELTAPINE 16	11.3 I

1972 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
LAMESA, TEX	4.21	1.14	0.93	33.4	17.8	8.6	76	7.4	82
CH.(IRR), OKLA.	4.79	1.20	1.03	37.5	20.0	7.8	76	8.3	85
LUBBOCK (DRY)	3.15	1.16	0.96	34.6	18.8	9.0	79	8.5	83
PLAINVIEW, TEX	3.93	1.10	0.90	33.9	17.6	8.4	77	7.6	82
CL.(IRR.), TEX.	5.03	1.13	0.92	36.9	19.4	7.6	67	6.6	82
LUBBOCK (IRR)	3.38	1.18	0.97	33.6	18.7	9.4	78	7.9	82
ALTUS, OKLA.	4.54	1.14	0.95	38.4	20.4	7.5	71	7.7	83
CL.(DRY), TEX.	4.99	0.98	0.80	40.5	19.1	6.6	65	7.0	82
CH.(DRY), OKLA.	4.59	1.08	0.89	42.9	20.0	6.7	74	8.7	83
MANGUM, OKLA.	4.69	1.15	0.96	39.1	20.6	7.1	70	6.9	83

DRAWING SLIVER, UHM

ACALA 1517-70	1.21	A
COKER 310	1.20	A
COKER 5110	1.19	AB
DELTAPINE 16	1.17	B
LANKART 3840	1.14	C
LOCKETT BXL	1.13	CD
LOCKETT 4789A	1.13	CD
TAMCOT 788	1.12	CD
LOCKETT 4789	1.12	CD
PAYMASTER 111-A	1.11	D
LANKART LX571	1.11	D
STRIPPER CALA S	1.08	E
GREGG 35W	1.07	E
WESTBURN 70	1.07	E
PAYMASTER 202	1.02	F

DRAWING SLIVER, MEAN

ACALA 1517-70	1.00	A
COKER 310	0.98	AB
DELTAPINE 16	0.97	ABC
COKER 5110	0.97	ABC
LANKART 3840	0.95	BCD
LOCKETT BXL	0.94	CDE
LOCKETT 4789A	0.93	DEF
PAYMASTER 111-A	0.93	DEF
LOCKETT 4789	0.93	DEF
LANKART LX571	0.92	DEFG
TAMCOT 788	0.91	EFG
GREGG 35W	0.90	FGH
STRIPPER CALA S	0.89	GH
PAYMASTER 202	0.87	H
WESTBURN 70	0.87	H

SPAN LENGTH, 2.5 PCT.

ACALA 1517-70	1.20	A
COKER 310	1.20	A
COKER 5110	1.18	AB
DELTAPINE 16	1.17	B
TAMCOT 788	1.13	C
LOCKETT 4789A	1.13	C
LOCKETT BXL	1.13	C
LANKART 3840	1.13	C
LANKART LX571	1.11	CD
LOCKETT 4789	1.11	CD
STRIPPER CALA S	1.10	D
PAYMASTER 111-A	1.10	D
WESTBURN 70	1.09	D
GREGG 35W	1.06	E
PAYMASTER 202	1.02	F

SPAN LENGTH, 50 PCT.

ACALA 1517-70	0.57	A
COKER 5110	0.55	B
COKER 310	0.55	B
DELTAPINE 16	0.54	BC
LANKART 3840	0.54	BC
LOCKETT 4789A	0.53	CD
LANKART LX571	0.52	DE
LOCKETT BXL	0.52	DE
PAYMASTER 111-A	0.52	DE
TAMCOT 788	0.52	DE
LOCKETT 4789	0.52	DE
GREGG 35W	0.51	EF
STRIPPER CALA S	0.51	EF
WESTBURN 70	0.50	FG
PAYMASTER 202	0.49	G

1972 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

STELOMETER - E1

DELTAPINE 16	10.1	A
LANKART LX571	8.7	B
WESTBURN 70	8.5	BC
COKER 5110	8.2	CD
COKER 310	8.1	D
LOCKETT BXL	8.0	DE
GREGG 35W	8.0	DE
LOCKETT 4789A	7.9	DEF
LOCKETT 4789	7.9	DEF
PAYMASTER 111-A	7.7	EF
PAYMASTER 202	7.6	FG
LANKART 3840	7.3	G
STRIPPER CALA S	6.9	H
ACALA 1517-70	6.6	HI
TAMCOT 788	6.5	I

YARN TENACITY

ACALA 1517-70	15.0	A
GREGG 35W	13.0	B
TAMCOT 788	12.9	B
STRIPPER CALA S	12.3	C
COKER 5110	12.2	CD
PAYMASTER 111-A	12.0	CDE
COKER 310	11.9	CDE
LOCKETT BXL	11.9	CDE
LOCKETT 4789A	11.9	CDE
PAYMASTER 202	11.8	DEF
DELTAPINE 16	11.8	DEF
LANKART 3840	11.6	EF
LOCKETT 4789	11.4	F
WESTBURN 70	10.7	G
LANKART LX571	10.7	G

STELOMETER - TC

ACALA 1517-70	44.2	A
TAMCOT 788	41.0	B
STRIPPER CALA S	39.5	C
GREGG 35W	38.8	C
PAYMASTER 111-A	37.3	D
PAYMASTER 202	37.2	DE
LANKART 3840	37.2	DE
LOCKETT 4789A	36.3	EF
LOCKETT BXL	36.2	F
LOCKETT 4789	35.9	F
COKER 310	35.8	F
COKER 5110	35.5	F
WESTBURN 70	33.9	G
LANKART LX571	33.8	G
DELTAPINE 16	33.8	G

STELOMETER - T1

ACALA 1517-70	23.1	A
GREGG 35W	20.7	B
TAMCOT 788	20.6	B
STRIPPER CALA S	19.5	C
PAYMASTER 202	19.3	CD
PAYMASTER 111-A	19.2	CDE
LANKART 3840	19.0	CDEF
COKER 310	18.9	CDEF
LOCKETT BXL	18.9	CDEF
COKER 5110	18.8	CDEF
LOCKETT 4789A	18.6	DEF
DELTAPINE 16	18.5	EF
LOCKETT 4789	18.4	F
WESTBURN 70	17.4	G
LANKART LX571	17.3	G

1972 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO

PAYMASTER 202	85	A
GREGG 35W	84	AB
PAYMASTER 111-A	84	AB
ACALA 1517-70	83	BC
DELTAPINE 16	83	BC
LOCKETT BXL	83	BC
LANKART LX571	83	BC
LOCKETT 4789	83	BC
LANKART 3840	83	BC
STRIPPER CALA S	82	CD
LOCKETT 4789A	82	CD
COKER 310	82	CD
COKER 5110	82	CD
TAMCOT 788	81	D
WESTBURN 70	81	D

MICRONAIRE

LANKART 3840	4.90	A
LANKART LX571	4.74	AB
COKER 310	4.69	ABC
ACALA 1517-70	4.34	ABC
PAYMASTER 111-A	4.68	ABC
PAYMASTER 202	4.65	ABC
DELTAPINE 16	4.60	ABCD
LOCKETT 4789	4.47	BCDE
COKER 5110	4.46	BCDE
LOCKETT BXL	4.37	BCDEF
LOCKETT 4789A	4.30	CDEFG
GREGG 35W	4.22	DEFG
STRIPPER CALA S	4.20	EFG
TAMCOT 788	4.03	FG
WESTBURN 70	3.94	G

COLORIMETER -B

ACALA 1517-70	8.0	A
COKER 310	7.9	AB
LANKART LX571	7.9	AB
LOCKETT BXL	7.8	ABC
TAMCOT 788	7.8	ABC
WESTBURN 70	7.8	ABC
LOCKETT 4789	7.8	ABC
LOCKETT 4789A	7.8	ABC
STRIPPER CALA S	7.6	ABC
COKER 5110	7.6	ABC
PAYMASTER 111-A	7.5	ABC
GREGG 35W	7.5	ABC
LANKART 3840	7.4	BC
PAYMASTER 202	7.3	C
DELTAPINE 16	7.3	C

COLORIMETER -RC

PAYMASTER 202	74	A
STRIPPER CALA S	74	A
LOCKETT 4789A	74	A
WESTBURN 70	74	A
TAMCOT 788	74	A
DELTAPINE 16	74	A
COKER 5110	73	B
LOCKETT BXL	73	B
LANKART LX571	73	B
GREGG 35W	73	B
ACALA 1517-70	73	B
PAYMASTER 111-A	73	B
LOCKETT 4789	73	B
LANKART 3840	73	B
COKER 310	72	C

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
LAMESA, TEX									
COKER 5110	956	A	6.62	69	38.0	10.4	.54	1.19	11.6
LOCKETT BXL	912	AB	6.56	69	35.0	11.1	.51	1.13	11.6
TAMCOT 788	904	AB	6.73	68	35.8	10.9	.50	1.15	13.1
STRIPPER CALA S	878	AB	6.29	72	35.0	10.8	.47	1.08	11.7
LOCKETT 4789	872	AB	6.85	66	30.9	11.4	.51	1.13	11.1
LOCKETT 4789A	848	BC	6.57	69	32.9	11.7	.53	1.16	11.4
DELTAPINE 16	759	CD	5.20	88	35.3	10.1	.53	1.16	11.3
ACALA 1517-70	755	CD	7.03	65	34.7	12.3	.56	1.20	14.6
PAYMASTER 111-A	747	CD	8.54	53	33.3	12.6	.50	1.10	11.3
COKER 310	708	DE	6.54	69	37.4	11.1	.56	1.25	12.0
WESTBURN 70	707	DE	6.41	71	34.3	10.2	.47	1.09	10.3
GREGG 35W	685	DE	6.73	67	33.8	12.5	.48	1.08	11.7
LANKART LX571	672	DE	7.53	62	34.6	12.9	.52	1.12	10.6
PAYMASTER 202	666	DE	7.31	62	34.9	11.7	.48	1.02	11.1
LANKART 3840	604	E	7.02	65	32.3	11.3	.51	1.14	11.3
CL.(IRR.), TEX.									
WESTBURN 70	602	A	6.12	75	34.7	12.9	.54	1.13	10.8
PAYMASTER 202	578	AB	7.63	60	34.4	14.3	.50	1.03	11.9
DELTAPINE 16	577	AB	6.11	74	35.7	12.4	.54	1.17	11.5
PAYMASTER 111-A	571	ABC	7.66	60	33.6	14.8	.53	1.10	11.5
LANKART 3840	536	ABCD	7.79	58	35.6	15.0	.55	1.14	11.0
LOCKETT BXL	531	ABCD	6.97	65	34.8	13.1	.55	1.14	12.1
COKER 5110	523	ABCD	6.53	70	34.6	13.3	.56	1.21	12.5
LOCKETT 4789A	503	ABCD	6.80	67	34.2	14.0	.52	1.10	11.9
LANKART LX571	501	ABCD	8.66	53	33.2	16.0	.53	1.09	10.5
LOCKETT 4789	475	BCDE	7.33	62	31.8	13.8	.55	1.14	12.1
TAMCOT 788	465	CDE	7.07	64	33.9	12.9	.55	1.15	13.4
COKER 310	460	DE	5.72	79	35.2	12.5	.52	1.13	10.5
STRIPPER CALA S	449	DE	7.39	61	32.3	13.7	.52	1.13	12.4
ACALA 1517-70	389	EF	6.14	74	33.3	14.9	.54	1.18	15.3
GREGG 35W	314	F	6.30	72	34.5	14.0	.53	1.09	13.6
LUBBOCK (IRR)									
TAMCOT 788	802	A	5.18	89	34.1	10.0	.55	1.22	13.2
ACALA 1517-70	629	B	5.78	79	26.1	13.4	.62	1.29	16.0
PAYMASTER 202	553	BC	5.37	85	32.3	10.5	.49	1.05	12.2
STRIPPER CALA S	528	CD	5.10	89	31.3	10.7	.51	1.16	12.8
WESTBURN 70	524	CD	4.60	99	32.4	10.1	.50	1.14	10.9
COKER 310	511	CD	4.48	102	34.8	9.5	.55	1.25	13.0
PAYMASTER 111-A	483	CDE	6.18	74	32.2	11.4	.54	1.14	12.6
GREGG 35W	477	CDE	5.61	82	31.5	11.5	.53	1.12	13.8
COKER 5110	461	DE	5.06	90	32.7	9.8	.56	1.25	12.8
DELTAPINE 16	454	DE	4.48	102	33.4	10.1	.56	1.22	12.8
LOCKETT 4789A	437	DE	4.62	99	31.8	10.1	.50	1.17	11.8
LOCKETT BXL	413	EF	5.50	83	32.5	11.9	.54	1.18	12.6
LOCKETT 4789	392	EF	4.72	96	31.0	11.2	.52	1.16	11.8
LANKART LX571	337	F	5.31	86	31.7	12.3	.48	1.13	11.0
LANKART 3840	337	F	5.26	87	30.9	12.1	.55	1.19	12.1

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
LAMESA, TEX									
COKER 5110	4.28	1.18	0.98	32.7	17.2	8.8	76	7.0	83
LOCKETT BXL	4.05	1.14	0.95	30.9	17.2	9.1	77	7.5	83
TAMCOT 788	4.11	1.17	0.95	37.8	20.2	6.8	77	8.0	81
STRIPPER CALA S	4.01	1.07	0.85	36.2	18.7	7.8	77	7.5	79
LOCKETT 4789	4.00	1.13	0.91	31.2	16.7	8.8	76	8.0	81
LOCKETT 4789A	4.05	1.17	0.98	32.2	17.0	8.5	77	7.3	84
DELTAPINE 16	4.15	1.16	0.95	30.1	16.9	11.1	78	6.5	83
ACALA 1517-70	4.31	1.24	1.01	41.8	21.4	6.7	77	7.5	81
PAYMASTER 111-A	4.56	1.12	0.92	34.2	17.4	8.5	76	8.0	82
COKER 310	4.64	1.25	1.02	33.5	18.0	8.4	75	6.8	82
WESTBURN 70	3.52	1.06	0.84	30.8	16.8	9.3	77	7.8	79
GREGG 35W	4.24	1.08	0.90	33.7	18.6	9.2	76	7.8	83
LANKART LX571	4.54	1.12	0.92	30.2	16.1	9.7	76	8.0	83
PAYMASTER 202	4.41	1.05	0.86	33.1	17.4	8.3	77	7.3	82
LANKART 3840	4.24	1.16	0.94	32.9	17.6	8.3	76	7.0	81
CL.(IRR.), TEX.									
WESTBURN 70	4.86	1.08	0.88	33.7	17.2	7.6	68	6.8	82
PAYMASTER 202	5.28	1.02	0.87	35.6	18.9	6.8	67	5.5	85
DELTAPINE 16	5.16	1.18	0.95	33.9	18.6	10.5	69	6.0	80
PAYMASTER 111-A	5.15	1.10	0.91	36.3	18.8	7.5	66	5.8	84
LANKART 3840	5.89	1.14	0.95	36.7	18.6	7.2	67	6.3	83
LOCKETT BXL	5.00	1.13	0.95	35.9	18.9	7.5	68	7.0	84
COKER 5110	4.76	1.20	0.97	34.5	19.2	7.9	66	7.0	81
LOCKETT 4789A	5.05	1.12	0.92	37.1	19.1	7.5	69	7.3	83
LANKART LX571	5.35	1.09	0.92	33.1	17.4	8.8	67	6.8	84
LOCKETT 4789	4.95	1.14	0.95	35.7	18.4	7.4	68	6.5	83
TAMCOT 788	4.66	1.11	0.88	42.2	21.0	5.8	67	6.5	80
COKER 310	4.98	1.13	0.89	33.1	17.9	9.0	67	8.0	80
STRIPPER CALA S	4.74	1.12	0.92	39.1	20.4	6.5	68	6.8	82
ACALA 1517-70	4.72	1.17	0.94	45.6	23.3	6.2	67	7.0	81
GREGG 35W	4.80	1.12	0.94	40.9	22.1	7.6	66	6.5	84
LUBBOCK (IRR)									
TAMCOT 788	3.08	1.20	0.95	37.2	19.9	8.0	78	7.3	80
ACALA 1517-70	3.52	1.30	1.12	39.3	21.7	7.8	77	8.3	87
PAYMASTER 202	3.37	1.05	0.88	33.3	18.9	9.2	78	7.5	85
STRIPPER CALA S	2.95	1.14	0.92	35.3	18.9	8.6	78	8.0	81
WESTBURN 70	2.71	1.09	0.85	31.5	17.5	10.1	79	7.8	78
COKER 310	3.45	1.26	1.04	31.9	18.0	10.0	77	7.8	83
PAYMASTER 111-A	3.40	1.14	0.94	33.7	19.1	9.3	78	8.0	83
GREGG 35W	3.17	1.16	1.02	36.2	21.8	9.7	78	8.3	88
COKER 5110	3.08	1.25	1.01	32.2	18.6	9.7	78	8.3	81
DELTAPINE 16	3.18	1.22	1.03	30.3	17.5	11.6	78	8.0	85
LOCKETT 4789A	2.85	1.16	0.94	32.0	17.5	9.5	78	7.8	81
LOCKETT BXL	3.36	1.21	1.01	33.4	18.2	9.4	78	7.8	84
LOCKETT 4789	2.92	1.14	0.90	33.7	17.9	9.3	78	7.8	79
LANKART LX571	2.95	1.13	0.91	31.0	16.8	10.2	79	8.3	80
LANKART 3840	3.29	1.17	0.96	33.1	17.7	8.1	80	8.3	83

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			PLAINVIEW, TEX						
COKER 310	773	A	5.70	80	40.0	10.1	.52	1.17	11.3
COKER 5110	706	AB	6.22	73	39.9	10.4	.47	1.11	11.0
TAMCOT 788	688	AB	6.02	75	41.3	9.8	.48	1.08	12.1
LOCKETT BXL	673	BC	6.19	73	36.5	11.5	.50	1.11	11.2
STRIPPER CALA S	647	BCD	6.00	76	35.3	11.2	.48	1.07	11.5
PAYMASTER 202	638	BCDE	7.15	64	36.5	11.9	.48	0.99	11.0
PAYMASTER 111-A	613	BCDEF	7.77	59	35.1	12.7	.49	1.08	11.8
DELTAPINE 16	609	BCDEF	5.64	81	36.9	10.5	.51	1.14	10.8
WESTBURN 70	580	CDEF	6.05	76	36.6	10.8	.47	1.07	9.8
ACALA 1517-70	561	DEFG	6.35	72	37.2	12.2	.54	1.16	14.3
LOCKETT 4789A	543	EFG	5.81	78	37.4	11.3	.51	1.12	11.7
LANKART LX571	541	EFG	7.22	63	34.7	13.6	.51	1.10	10.1
GREGG 35W	517	FG	5.93	78	39.2	11.9	.48	1.06	12.2
LOCKETT 4789	467	GH	7.05	65	32.3	11.5	.49	1.09	10.4
LANKART 3840	380	H	6.73	68	35.0	12.2	.50	1.11	11.5
			MANGUM, OKLA.						
GREGG 35W	89	A	5.84	78	33.2	13.5	.52	1.06	12.8
WESTBURN 70	82	AB	6.68	68	34.2	12.7	.55	1.16	11.1
COKER 310	67	ABC	6.12	75	37.2	14.2	.54	1.21	12.3
TAMCOT 788	66	ABC	5.72	83	35.9	13.9	.52	1.14	13.1
PAYMASTER 202	58	BCD	7.16	64	33.4	13.6	.54	1.08	12.0
LOCKETT BXL	56	BCD	6.76	67	34.0	13.6	.54	1.18	12.3
LANKART 3840	55	BCD	7.36	62	34.4	14.3	.55	1.15	11.8
LOCKETT 4789A	53	BCDE	6.52	70	30.4	14.2	.54	1.17	12.1
LANKART LX571	53	BCDE	7.76	59	35.3	14.1	.55	1.13	11.7
DELTAPINE 16	49	CDE	6.12	75	35.2	12.8	.56	1.20	12.0
STRIPPER CALA S	48	CDE	7.12	65	32.2	14.3	.53	1.13	12.6
COKER 5110	43	CDE	6.84	68	38.1	13.1	.57	1.24	12.0
PAYMASTER 111-A	28	DE	7.84	58	36.0	13.6	.55	1.13	12.6
ACALA 1517-70	28	DE	6.12	75	36.5	13.8	.58	1.20	14.5
LOCKETT 4789	23	E	6.88	66	33.3	13.5	.54	1.13	11.5
			CH.(IRR), OKLA.						
DELTAPINE 16	848	A	7.48	61	38.4	13.5	.63	1.27	12.9
LOCKETT 4789A	833	AB	6.90	66	36.0	12.0	.58	1.21	12.3
LOCKETT BXL	815	AB	7.80	59	36.2	12.5	.58	1.19	12.6
STRIPPER CALA S	809	AB	7.72	59	34.5	12.5	.57	1.19	13.8
TAMCOT 788	799	ABC	8.32	55	36.7	11.5	.56	1.17	12.8
COKER 5110	794	ABC	7.68	59	38.4	12.0	.61	1.23	13.2
LOCKETT 4789	783	ABC	7.84	59	36.5	12.0	.58	1.17	12.1
GREGG 35W	777	ABC	6.78	68	33.6	14.5	.53	1.05	13.0
PAYMASTER 111-A	766	ABC	8.96	51	34.7	14.0	.57	1.15	12.2
COKER 310	757	ABC	6.66	68	39.9	14.0	.63	1.29	13.2
WESTBURN 70	754	ABC	7.18	63	35.3	11.5	.57	1.17	11.8
PAYMASTER 202	736	ABCD	8.04	57	36.1	14.0	.54	1.06	12.8
LANKART LX571	704	BCD	9.56	48	37.5	15.0	.58	1.16	11.3
LANKART 3840	669	CD	8.42	54	34.7	14.0	.58	1.18	12.3
ACALA 1517-70	621	D	7.24	63	37.4	13.0	.61	1.27	16.2

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
PLAINVIEW, TEX									
COKER 310	4.11	1.16	0.93	33.7	17.7	8.6	76	8.0	80
COKER 5110	3.87	1.15	0.93	31.6	16.7	9.6	76	7.3	81
TAMCOT 788	3.76	1.08	0.87	37.7	19.3	7.2	78	8.3	81
LOCKETT BXL	3.80	1.10	0.90	33.6	17.8	8.6	77	8.0	82
STRIPPER CALA S	3.80	1.06	0.86	36.1	17.5	7.7	78	7.5	81
PAYMASTER 202	4.25	1.01	0.86	32.5	16.7	8.3	77	7.3	85
PAYMASTER 111-A	4.17	1.08	0.89	34.2	17.0	8.0	77	7.3	83
DELTAPINE 16	3.98	1.12	0.90	30.8	16.8	10.6	76	8.0	81
WESTBURN 70	3.65	1.04	0.82	30.9	14.9	8.8	76	7.5	79
ACALA 1517-70	4.04	1.18	0.97	41.7	22.5	6.7	77	7.3	82
LOCKETT 4789A	3.83	1.15	0.93	33.5	17.8	8.0	76	7.8	82
LANKART LX571	4.31	1.12	0.93	30.3	15.7	9.3	75	6.8	83
GREGG 35W	3.55	1.07	0.88	34.9	18.4	8.8	76	8.0	82
LOCKETT 4789	3.99	1.08	0.90	33.3	16.6	8.3	77	8.8	83
LANKART 3840	3.83	1.13	0.93	33.4	17.7	8.0	77	6.5	83
MANGUM, OKLA.									
GREGG 35W	4.26	1.04	0.85	39.8	20.1	7.1	73	7.5	82
WESTBURN 70	4.19	1.13	0.90	34.9	18.7	7.9	72	7.0	80
COKER 310	5.04	1.23	1.03	38.1	19.7	7.4	68	7.3	84
TAMCOT 788	3.84	1.09	0.86	42.5	22.9	5.8	72	7.3	79
PAYMASTER 202	4.75	1.05	0.89	39.9	20.7	6.7	72	6.8	85
LOCKETT BXL	4.60	1.18	0.98	38.5	20.9	7.2	71	7.0	83
LANKART 3840	5.33	1.15	0.96	39.8	19.9	6.3	69	6.3	84
LOCKETT 4789A	4.53	1.18	0.98	38.0	19.1	7.1	69	6.3	84
LANKART LX571	4.77	1.15	0.95	36.6	18.7	7.4	69	6.8	83
DELTAPINE 16	5.27	1.22	1.04	35.2	19.7	9.9	72	7.5	86
STRIPPER CALA S	4.46	1.09	0.89	41.0	21.0	5.9	71	6.3	82
COKER 5110	4.86	1.25	1.02	37.6	19.9	7.3	69	6.0	81
PAYMASTER 111-A	4.92	1.11	0.94	40.5	22.1	6.7	70	6.5	85
ACALA 1517-70	4.51	1.21	1.02	44.7	24.1	5.7	71	7.5	85
LOCKETT 4789	4.95	1.15	0.98	38.6	20.6	7.4	72	7.3	85
CH.(IRR), OKLA.									
DELTAPINE 16	4.78	1.31	1.14	35.0	19.0	8.7	77	8.3	87
LOCKETT 4789A	4.47	1.20	1.00	35.7	18.7	8.1	78	8.5	84
LOCKETT BXL	4.39	1.22	1.05	36.1	19.4	7.9	76	8.0	86
STRIPPER CALA S	4.51	1.18	0.98	41.5	20.8	7.0	78	9.0	83
TAMCOT 788	4.60	1.18	1.00	38.3	20.5	7.8	77	9.0	85
COKER 5110	4.85	1.27	1.10	36.2	19.2	7.6	77	9.0	87
LOCKETT 4789	4.83	1.20	1.02	35.9	19.2	7.8	76	8.8	85
GREGG 35W	4.46	1.06	0.92	38.8	21.4	8.1	77	8.0	87
PAYMASTER 111-A	5.29	1.19	1.04	36.7	19.1	8.0	77	7.8	87
COKER 310	5.32	1.31	1.12	37.3	20.1	7.5	75	8.3	86
WESTBURN 70	4.10	1.16	0.94	34.2	18.2	8.5	77	8.3	82
PAYMASTER 202	4.76	1.07	0.95	37.3	19.6	7.4	78	7.8	89
LANKART LX571	5.39	1.18	1.01	34.4	17.9	8.6	74	8.0	86
LANKART 3840	5.67	1.20	1.01	39.0	20.6	7.5	77	8.3	85
ACALA 1517-70	4.37	1.28	1.10	45.2	25.7	6.8	76	8.5	86

1972 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			LUBBOCK (DRY)						
TAMCOT 788	794	A	6.14	74	35.1	10.3	.53	1.14	13.0
COKER 5110	769	AB	5.87	77	37.9	10.5	.58	1.22	12.5
PAYMASTER 202	728	ABC	6.34	72	34.5	12.0	.50	1.02	11.7
COKER 310	695	BCD	5.61	81	37.7	11.4	.54	1.21	12.5
WESTBURN 70	686	BCD	5.92	77	36.1	11.3	.49	1.07	10.8
DELTAPINE 16	682	BCD	5.20	87	39.4	10.4	.53	1.16	11.5
LOCKETT 4789A	674	BCD	5.83	78	33.4	10.7	.55	1.14	12.1
PAYMASTER 111-A	658	CD	7.42	61	35.9	12.4	.54	1.11	12.5
STRIPPER CALA S	656	CD	6.22	73	34.7	11.1	.50	1.08	12.2
LOCKETT 4789	649	CD	5.49	84	25.6	11.1	.51	1.12	11.4
LANKART LX571	634	CDE	7.19	63	36.2	13.0	.51	1.10	10.8
LOCKETT BXL	627	CDE	6.35	72	36.0	11.7	.52	1.13	11.9
ACALA 1517-70	621	DE	6.02	75	35.0	12.3	.55	1.17	13.8
GREGG 35W	545	EF	6.58	69	33.0	12.2	.54	1.11	13.9
LANKART 3840	484	F	6.35	72	33.5	12.8	.54	1.15	12.3
			ALTUS, OKLA.						
COKER 310	248	A	5.36	85	38.0	12.8	.60	1.25	12.7
DELTAPINE 16	246	A	5.44	84	36.6	12.8	.55	1.19	11.6
PAYMASTER 202	214	AB	6.60	69	35.9	13.8	.50	1.02	12.3
LOCKETT BXL	213	AB	5.74	79	35.5	13.3	.54	1.13	12.6
WESTBURN 70	209	AB	5.88	78	35.1	12.8	.52	1.11	10.9
COKER 5110	207	AB	6.44	71	37.8	13.3	.59	1.22	12.7
LOCKETT 4789A	206	AB	5.88	77	25.4	13.1	.58	1.18	12.4
TAMCOT 788	206	AB	6.28	73	36.2	14.1	.54	1.17	13.8
LANKART LX571	193	AB	7.36	62	35.8	14.8	.54	1.14	10.9
PAYMASTER 111-A	185	AB	7.42	61	35.9	14.7	.53	1.12	12.2
LOCKETT 4789	183	AB	6.36	72	35.2	13.9	.55	1.15	12.1
ACALA 1517-70	171	AB	5.86	78	36.5	14.8	.63	1.26	16.2
STRIPPER CALA S	150	B	6.24	73	33.6	14.9	.52	1.13	12.4
GREGG 35W	142	B	5.78	79	34.0	14.5	.53	1.06	13.0
LANKART 3840	58	C	7.30	63	35.8	14.8	.57	1.14	12.1
			CL.(DRY), TEX.						
LOCKETT 4789A	206	A	4.76	96	38.9	9.9	.45	0.94	10.5
LOCKETT BXL	189	AB	4.92	93	38.6	10.1	.44	0.97	10.0
WESTBURN 70	184	AB	4.97	91	35.1	9.8	.41	0.94	8.9
COKER 5110	182	ABC	4.86	94	39.0	10.4	.46	1.02	10.8
DELTAPINE 16	182	ABC	4.60	99	37.2	9.9	.50	1.06	10.8
LANKART 3840	180	ABC	5.51	83	39.2	11.7	.46	0.97	9.3
LANKART LX571	174	ABCD	5.89	77	39.2	11.9	.45	0.97	8.8
PAYMASTER 111-A	172	BCD	5.55	82	38.0	10.6	.45	1.00	10.8
PAYMASTER 202	169	BCDE	5.28	86	38.9	10.4	.42	0.89	10.4
TAMCOT 788	163	BCDE	4.79	96	39.1	9.2	.44	0.99	11.1
COKER 310	162	BCDE	4.43	103	40.5	10.2	.48	1.05	9.5
LOCKETT 4789	161	BCDE	5.02	91	37.9	10.2	.45	0.96	9.3
STRIPPER CALA S	150	CDE	5.22	87	37.0	10.3	.45	0.97	10.6
GREGG 35W	147	DE	4.78	95	37.8	11.0	.48	1.03	12.3
ACALA 1517-70	137	E	4.22	108	36.2	11.8	.47	1.06	13.3

1972 PLAINS REGICNAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
			LUBBOCK (DRY)						
TAMCOT 788	4.16	1.15	0.94	37.9	20.0	7.3	79	7.5	82
COKER 5110	4.35	1.23	1.01	33.9	18.2	9.8	79	9.3	83
PAYMASTER 202	4.52	1.04	0.88	33.6	18.6	9.0	79	8.3	84
COKER 310	4.62	1.24	1.03	34.0	18.7	9.1	78	9.3	83
WESTBURN 70	4.46	1.09	0.90	31.7	17.1	9.5	78	9.0	82
DELTAPINE 16	4.58	1.18	0.99	31.8	17.8	11.5	79	7.8	84
LOCKETT 4789A	4.35	1.17	0.98	34.0	18.4	9.0	80	9.0	84
PAYMASTER 111-A	4.88	1.14	0.96	35.1	18.6	9.0	78	8.8	84
STRIPPER CALA S	4.24	1.09	0.90	37.0	19.0	8.0	79	7.5	83
LOCKETT 4789	4.20	1.14	0.94	32.9	17.2	8.4	80	8.8	83
LANKART LX571	4.94	1.14	0.95	31.8	17.3	9.6	79	9.0	84
LOCKETT BXL	4.55	1.15	0.95	33.6	18.8	9.6	79	8.8	83
ACALA 1517-70	4.51	1.21	1.01	39.4	21.5	8.0	79	9.0	84
GREGG 35W	4.20	1.17	1.00	36.9	21.6	9.0	79	8.8	86
LANKART 3840	4.57	1.18	0.99	34.7	18.4	8.2	80	7.8	84
			ALTUS, OKLA.						
COKER 310	4.85	1.25	1.01	37.9	21.3	7.3	70	7.8	82
DELTAPINE 16	4.80	1.18	0.95	34.7	19.5	9.5	74	7.0	81
PAYMASTER 202	4.63	1.04	0.92	38.8	21.0	7.7	72	7.8	89
LOCKETT BXL	4.08	1.15	0.97	37.7	20.2	7.7	72	8.0	85
WESTBURN 70	3.90	1.11	0.90	35.4	18.6	8.0	73	8.8	82
COKER 5110	4.74	1.20	0.96	35.5	20.0	7.8	71	6.8	80
LOCKETT 4789A	4.47	1.13	0.91	38.3	19.8	7.3	72	8.0	80
TAMCOT 788	3.91	1.16	0.94	43.2	21.7	6.1	71	8.0	82
LANKART LX571	4.76	1.13	0.93	34.6	17.5	8.2	70	8.0	82
PAYMASTER 111-A	4.66	1.14	0.97	37.7	19.8	7.4	71	8.3	86
LOCKETT 4789	4.55	1.12	0.95	36.8	19.7	7.8	72	7.5	86
ACALA 1517-70	4.42	1.22	0.99	47.8	25.1	6.3	72	7.8	81
STRIPPER CALA S	4.40	1.08	0.91	38.8	20.2	6.6	72	7.5	84
GREGG 35W	4.42	1.02	0.84	39.7	20.4	7.0	68	6.8	83
LANKART 3840	5.44	1.16	0.99	39.2	21.1	6.8	70	7.8	86
			CL.(DRY), TEX.						
LOCKETT 4789A	5.15	0.95	0.78	40.1	18.9	6.5	65	7.5	82
LOCKETT BXL	5.18	0.96	0.78	39.4	18.2	6.4	63	7.3	81
WESTBURN 70	4.28	0.93	0.76	35.4	16.8	7.1	66	7.5	82
COKER 5110	5.12	0.99	0.82	39.0	18.3	7.0	64	6.0	83
DELTAPINE 16	5.11	1.00	0.83	35.4	19.0	8.9	66	6.0	83
LANKART 3840	5.56	0.95	0.77	39.8	17.9	6.3	65	7.5	81
LANKART LX571	5.35	0.95	0.77	36.1	16.7	7.6	66	7.8	81
PAYMASTER 111-A	5.09	1.00	0.84	42.5	19.8	6.3	65	6.5	84
PAYMASTER 202	5.23	0.90	0.76	42.7	20.2	5.7	67	7.0	85
TAMCOT 788	4.34	0.99	0.80	45.1	19.9	5.2	66	7.8	81
COKER 310	5.21	1.00	0.80	37.2	17.8	6.6	65	7.3	81
LOCKETT 4789	5.23	0.94	0.77	40.8	18.7	6.4	64	6.8	82
STRIPPER CALA S	4.47	0.98	0.82	43.6	19.6	5.7	66	7.5	84
GREGG 35W	4.74	1.03	0.86	42.9	22.1	6.7	64	6.0	84
ACALA 1517-70	4.70	1.06	0.86	46.9	21.6	5.7	65	7.5	81

1972 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			CH.(DRY), OKLA.						
LOCKETT BXL	215	A	5.74	80	37.5	11.0	.50	1.07	11.9
LOCKETT 4789A	176	AB	5.40	84	37.4	10.5	.51	1.07	12.5
LOCKETT 4789	172	B	5.82	78	37.5	12.0	.51	1.07	12.0
LANKART LX571	172	B	5.88	78	37.4	14.0	.51	1.10	11.4
DELTAPINE 16	166	B	4.72	96	39.4	10.5	.51	1.12	12.1
WESTBURN 70	166	B	4.76	97	36.5	11.5	.46	1.02	11.3
PAYMASTER 202	165	B	5.88	78	38.0	12.5	.48	0.98	12.7
GREGG 35W	164	B	5.38	85	35.2	11.5	.47	0.97	13.2
LANKART 3840	163	B	6.16	74	37.5	13.0	.53	1.09	12.1
TAMCOT 788	158	B	5.60	81	39.2	12.5	.49	1.07	13.3
COKER 310	141	BC	4.66	98	39.7	12.0	.54	1.16	12.2
PAYMASTER 111-A	140	BC	6.62	69	35.7	12.0	.50	1.09	12.5
COKER 5110	130	BC	5.16	88	39.5	11.5	.52	1.11	12.4
STRIPPER CALA S	111	C	5.44	84	34.2	12.5	.48	1.04	12.2
ACALA 1517-70	108	C	5.68	81	37.2	14.0	.54	1.15	16.1

1972 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
			CH.(DRY), OKLA.						
LOCKETT BXL	4.64	1.06	0.89	42.3	19.5	6.9	74	8.5	84
LOCKETT 4789A	4.17	1.07	0.90	42.0	19.8	6.9	75	8.8	84
LOCKETT 4789	5.09	1.10	0.92	40.2	18.5	7.1	74	8.5	84
LANKART LX571	4.99	1.10	0.92	39.7	19.0	7.2	72	9.5	84
DELTAPINE 16	5.01	1.13	0.93	40.4	19.6	8.8	75	8.5	83
WESTBURN 70	3.74	1.03	0.85	40.0	17.8	7.7	74	8.3	82
PAYMASTER 202	5.22	0.98	0.82	44.9	20.8	6.4	74	7.8	84
GREGG 35W	4.37	0.98	0.81	43.9	20.8	6.8	73	7.3	84
LANKART 3840	5.14	1.12	0.94	43.5	20.0	6.2	76	8.8	84
TAMCOT 788	3.81	1.05	0.84	47.4	20.9	5.2	74	9.0	80
COKER 310	4.63	1.16	0.94	40.8	20.0	6.9	74	9.3	81
PAYMASTER 111-A	4.68	1.07	0.88	42.3	19.8	6.4	74	8.5	83
COKER 5110	4.66	1.12	0.92	41.1	20.9	7.2	74	9.8	82
STRIPPER CALA S	4.38	1.01	0.81	45.7	19.0	5.5	75	8.8	81
ACALA 1517-70	4.26	1.17	0.97	49.6	24.0	5.6	75	9.5	83

1972 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
DELTAPINE 16	1207	A	5.82	79	38.3	10.9	.54	1.17	11.0
ARIZ. 6608	1207	A	6.15	75	38.5	12.3	.55	1.15	13.1
COKER 310	1202	A	5.81	79	39.1	11.7	.55	1.20	11.7
AZ-64	1182	A	6.03	76	37.9	12.3	.55	1.15	12.4
ACALA 1517V	1058	AB	6.44	72	37.1	13.4	.59	1.23	14.8
ACALA 1517-70	1057	AB	6.29	74	35.7	12.9	.57	1.20	14.6
LOCKETT 4789A	979	B	6.37	72	36.9	11.9	.53	1.13	11.6

SUBREGIONAL SUMMARY COMBINING BRAWLEY, PHOENIX, AND MARANA

AZ-64	1541	A	6.09	74	39.4	12.4	.55	1.15	12.4
DELTAPINE 16	1514	A	5.91	77	38.1	11.3	.54	1.17	11.3
ARIZ. 6608	1482	A	6.23	73	38.8	12.5	.54	1.15	13.2
COKER 310	1400	AB	5.84	78	38.0	12.4	.56	1.21	11.9
ACALA 1517-70	1151	B	6.19	73	34.5	13.4	.56	1.20	15.2
LOCKETT 4789A	1137	B	6.52	70	36.0	12.5	.53	1.13	11.6
ACALA 1517V	1131	B	6.22	73	36.1	13.2	.60	1.25	15.4

SUBREGIONAL SUMMARY COMBINING ARTESIA, EL PASO, PAHRUMP, LAS CRUCES, AND SAFFORD (PACE)

COKER 310	1083	A	5.79	80	39.7	11.3	.55	1.20	11.6
ARIZ. 6608	1041	AB	6.10	76	38.4	12.2	.56	1.15	13.1
DELTAPINE 16	1023	AB	5.76	81	38.4	10.7	.54	1.17	10.8
ACALA 1517V	1013	AB	6.57	71	37.6	13.5	.59	1.22	14.5
ACALA 1517-70	1001	AB	6.35	74	36.3	12.6	.57	1.20	14.1
AZ-64	967	AB	5.99	77	37.0	12.2	.55	1.14	12.3
LOCKETT 4789A	884	B	6.28	73	37.5	11.6	.52	1.13	11.5

LOCATIONS COMBINING VARIETIES

BRAWLEY, CAL.	1544	A	5.81	78	36.7	11.9	.55	1.17	13.5
PHOENIX, ARIZ.	1526	A	6.21	73	36.9	13.0	.57	1.18	13.3
ARTESIA, N.MEX.	1337	B	7.24	63	39.0	12.8	.59	1.23	12.7
S.(PACE),ARIZ.	1316	B	6.55	69	39.0	12.2	.54	1.15	12.4
MARANA, ARIZ.	940	C	6.40	71	38.2	12.7	.55	1.19	12.3
LAS CR., N.MEX.	936	C	6.12	75	36.8	11.6	.00	0.00	.0
EL PASO, TEX.	927	C	5.96	76	39.4	11.8	.59	1.22	13.2
PAHRUMP, NEV.	493	D	4.72	97	34.9	11.7	.51	1.10	12.0

1972 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
DELTAPINE 16	4.91	1.21	0.98	33.5	18.0	10.1	75	7.5	81
ARIZ. 6608	4.77	1.19	0.99	40.1	20.8	7.1	72	8.3	84
COKER 310	4.97	1.24	1.00	36.3	18.8	7.6	73	8.1	81
AZ-64	4.81	1.18	0.97	38.4	20.0	7.6	73	8.7	82
ACALA 1517V	4.33	1.29	1.10	41.1	22.9	7.0	75	8.0	85
ACALA 1517-70	4.37	1.23	1.01	44.2	23.0	6.6	74	8.2	82
LOCKETT 4789A	4.66	1.17	0.97	36.3	18.1	7.5	74	8.4	83

SUBREGIONAL SUMMARY COMBINING BRAWLEY, PHOENIX, AND MARANA

AZ-64	4.83	1.19	0.97	40.2	20.9	7.0	71	8.4	81
DELTAPINE 16	5.03	1.20	0.96	35.2	18.7	9.1	73	6.8	80
ARIZ. 6608	4.76	1.19	0.98	41.7	21.6	6.6	70	7.9	83
COKER 310	5.04	1.23	0.98	37.3	19.4	7.0	71	8.0	80
ACALA 1517-70	4.36	1.21	0.97	46.2	24.3	5.9	73	8.4	80
LOCKETT 4789A	4.75	1.16	0.97	37.2	18.8	6.7	73	8.3	83
ACALA 1517V	4.30	1.29	1.09	42.8	24.3	6.5	73	8.0	84

SUBREGIONAL SUMMARY COMBINING ARTESIA, EL PASO, PAHRUMP, LAS CRUCES, AND SAFFORD (PAGE)

COKER 310	4.92	1.25	1.02	35.4	18.2	8.0	75	8.2	81
ARIZ. 6608	4.78	1.18	1.00	38.9	20.2	7.5	73	8.5	84
DELTAPINE 16	4.82	1.21	1.00	32.3	17.5	10.7	76	8.0	83
ACALA 1517V	4.34	1.28	1.11	39.7	21.8	7.4	76	8.1	86
ACALA 1517-70	4.37	1.25	1.04	42.6	22.0	7.1	74	8.1	83
AZ-64	4.79	1.18	0.98	37.0	19.4	8.1	75	8.9	83
LOCKETT 4789A	4.58	1.18	0.98	35.7	17.6	8.0	76	8.4	83

LOCATIONS COMBINING VARIETIES

BRAWLEY, CAL.	4.62	1.19	0.98	42.4	22.0	6.7	72	6.9	82
PHOENIX, ARIZ.	4.90	1.22	1.01	40.2	21.4	6.6	74	9.4	83
ARTESIA, N.MEX.	4.54	1.29	1.11	34.5	18.5	9.1	78	8.6	85
S.(PACE),ARIZ.	4.80	1.17	0.95	38.7	20.5	7.6	71	7.3	81
MARANA, ARIZ.	4.66	1.22	0.98	37.8	20.0	7.7	69	7.7	80
LAS CR., N.MEX. EL PASO, TEX.	4.54	1.28	1.08	37.6	19.7	8.2	79	9.0	85
PAHRUMP, NEV.	4.76	1.13	0.93	38.7	19.4	7.5	73	8.3	82

BOLL SIZE, GRAM PER BOLL		BOLL SIZE, NO. PER LB.		LINT PCT.	
ACALA 1517V	6.44 A	DELTAPINE 16	79 A	COKER 310	39.1 A
LOCKETT 4789A	6.37 AB	COKER 310	79 A	ARIZ. 6608	38.5 A
ACALA 1517-70	6.29 ABC	AZ-64	76 AB	DELTAPINE 16	38.3 A
ARIZ. 6608	6.15 BC	ARIZ. 6608	75 BC	AZ-64	37.9 AB
AZ-64	6.03 CD	ACALA 1517-70	74 BC	ACALA 1517V	37.1 AB
DELTAPINE 16	5.82 D	LOCKETT 4789A	72 C	LOCKETT 4789A	36.9 AB
COKER 310	5.81 D	ACALA 1517V	72 C	ACALA 1517-70	35.7 B

SEED INDEX		SPAN LENGTH, 50 PCT.		SPAN LENGTH, 2.5 PCT.	
ACALA 1517V	13.4 A	ACALA 1517V	0.59 A	ACALA 1517V	1.23 A
ACALA 1517-70	12.9 A	ACALA 1517-70	0.57 B	ACALA 1517-70	1.20 B
ARIZ. 6608	12.3 B	ARIZ. 6608	0.55 C	COKER 310	1.20 B
AZ-64	12.3 B	COKER 310	0.55 C	DELTAPINE 16	1.17 C
LOCKETT 4789A	11.9 BC	AZ-64	0.55 C	AZ-64	1.15 D
COKER 310	11.7 C	DELTAPINE 16	0.54 CD	ARIZ. 6608	1.15 D
DELTAPINE 16	10.9 D	LOCKETT 4789A	0.53 D	LOCKETT 4789A	1.13 E

COLORIMETER -B		COLORIMETER -RD		MICRONAIRE	
AZ-64	8.7 A	DELTAPINE 16	75 A	COKER 310	4.97 A
LOCKETT 4789A	8.4 AB	ACALA 1517V	75 A	DELTAPINE 16	4.91 AB
ARIZ. 6608	8.3 AB	ACALA 1517-70	74 AB	AZ-64	4.81 ABC
ACALA 1517-70	8.2 AB	LOCKETT 4789A	74 AB	ARIZ. 6608	4.77 BC
COKER 310	8.1 B	AZ-64	73 BC	LOCKETT 4789A	4.66 C
ACALA 1517V	8.0 BC	COKER 310	73 BC	ACALA 1517-70	4.37 D
DELTAPINE 16	7.5 C	ARIZ. 6608	72 C	ACALA 1517V	4.33 D

YARN TENACITY		UNIFORMITY RATIO	
ACALA 1517V	14.8 A	ACALA 1517V	85 A
ACALA 1517-70	14.6 A	ARIZ. 6608	84 AB
ARIZ. 6608	13.1 B	LOCKETT 4789A	83 BC
AZ-64	12.4 C	ACALA 1517-70	82 CD
COKER 310	11.7 D	AZ-64	82 CD
LOCKETT 4789A	11.6 D	DELTAPINE 16	81 D
DELTAPINE 16	11.0 E	COKER 310	81 D

STELOMETER - TC		STELOMETER - T1		STELOMETER - E1	
ACALA 1517-70	44.2 A	ACALA 1517-70	23.0 A	DELTAPINE 16	10.1 A
ACALA 1517V	41.1 B	ACALA 1517V	22.9 A	COKER 310	7.6 B
ARIZ. 6608	40.1 C	ARIZ. 6608	20.8 B	AZ-64	7.6 B
AZ-64	38.4 D	AZ-64	20.0 C	LOCKETT 4789A	7.5 B
COKER 310	36.3 E	COKER 310	18.8 D	ARIZ. 6608	7.1 C
LOCKETT 4789A	36.3 E	LOCKETT 4789A	18.1 E	ACALA 1517V	7.0 C
DELTAPINE 16	33.5 F	DELTAPINE 16	18.0 E	ACALA 1517-70	6.6 D

DRAWING SLIVER, UHM		DRAWING SLIVER, MEAN	
ACALA 1517V	1.29 A	ACALA 1517V	1.10 A
COKER 310	1.24 B	ACALA 1517-70	1.01 B
ACALA 1517-70	1.23 BC	COKER 310	1.00 BC
DELTAPINE 16	1.21 CD	ARIZ. 6608	0.99 BC
ARIZ. 6608	1.19 DE	DELTAPINE 16	0.98 BC
AZ-64	1.18 E	AZ-64	0.97 C
LOCKETT 4789A	1.17 E	LOCKETT 4789A	0.97 C

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
BRAWLEY, CAL.									
AZ-64	2002	A	5.91	77	39.1	11.9	.54	1.13	12.7
ARIZ. 6608	1709	B	5.90	77	38.0	12.0	.56	1.15	14.0
DELTAPINE 16	1620	B	5.53	82	37.4	10.4	.53	1.14	11.4
COKER 310	1556	B	5.16	88	37.9	11.5	.54	1.18	12.3
LOCKETT 4789A	1485	B	6.37	72	35.2	12.0	.53	1.11	12.1
ACALA 1517-70	1218	C	5.94	76	33.7	12.5	.56	1.21	15.8
ACALA 1517V	1217	C	5.82	78	35.2	12.7	.58	1.24	15.9
MARANA, ARIZ.									
DELTAPINE 16	1236	A	6.14	74	38.8	11.6	.54	1.18	10.7
COKER 310	954	B	6.30	72	38.3	12.6	.56	1.24	11.7
ARIZ. 6608	939	B	6.36	72	39.6	12.6	.52	1.16	12.3
ACALA 1517-70	907	BC	6.41	71	35.9	13.6	.55	1.19	14.1
ACALA 1517V	882	BC	6.61	69	37.7	13.3	.59	1.24	14.5
AZ-64	870	BC	6.14	74	39.6	12.5	.55	1.17	11.7
LOCKETT 4789A	794	C	6.86	66	37.6	12.7	.51	1.12	10.7
PHOENIX, ARIZ.									
ARIZ. 6608	1799	A	6.41	71	38.7	12.9	.54	1.14	13.2
AZ-64	1751	A	6.20	73	39.5	12.7	.56	1.15	12.8
COKER 310	1690	A	6.07	75	37.8	13.0	.56	1.21	11.7
DELTAPINE 16	1686	A	6.07	75	38.0	11.8	.54	1.19	11.6
ACALA 1517-70	1327	B	6.20	73	33.8	13.9	.57	1.18	15.7
ACALA 1517V	1294	B	6.22	73	35.5	13.7	.62	1.26	15.6
LOCKETT 4789A	1132	C	6.31	72	35.1	12.9	.55	1.14	12.0
ARTESIA, N.MEX.									
COKER 310	1547	A	6.60	69	42.0	10.8	.58	1.26	11.6
ARIZ. 6608	1390	AB	7.02	65	38.8	13.2	.59	1.20	13.4
ACALA 1517V	1325	B	7.87	58	38.4	14.0	.62	1.26	14.3
LOCKETT 4789A	1313	B	7.63	60	38.7	12.8	.54	1.17	11.5
DELTAPINE 16	1292	B	6.70	68	38.4	12.1	.55	1.22	11.2
ACALA 1517-70	1273	B	7.75	59	36.1	13.2	.63	1.29	14.6
AZ-64	1216	B	7.10	64	40.5	13.3	.58	1.21	12.0

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
BRAWLEY, CAL.									
AZ-64	4.77	1.16	0.98	43.0	21.7	6.6	71	7.3	85
ARIZ. 6608	4.63	1.20	1.01	44.6	22.4	6.3	71	6.8	85
DELTAPINE 16	4.96	1.16	0.91	37.1	19.0	8.5	73	5.8	79
COKER 310	4.90	1.17	0.91	39.6	20.6	6.9	72	7.0	78
LOCKETT 4789A	4.70	1.16	0.98	39.0	19.5	6.4	72	6.8	85
ACALA 1517-70	4.12	1.18	0.93	48.1	25.1	5.6	74	7.5	79
ACALA 1517V	4.23	1.29	1.10	45.1	25.7	6.4	73	7.0	86
MARANA, ARIZ.									
DELTAPINE 16	4.91	1.23	0.98	33.3	17.8	10.6	70	6.3	79
COKER 310	5.01	1.28	1.04	35.0	18.4	8.0	68	7.3	82
ARIZ. 6608	4.57	1.16	0.92	38.3	20.3	7.0	66	8.0	80
ACALA 1517-70	4.53	1.22	0.95	44.7	23.0	6.2	70	8.3	78
ACALA 1517V	4.28	1.29	1.07	41.4	23.0	6.7	70	8.0	83
AZ-64	4.66	1.20	0.94	37.2	20.3	7.5	69	8.3	79
LOCKETT 4789A	4.62	1.16	0.95	34.6	17.3	7.5	70	8.0	82
PHOENIX, ARIZ.									
ARIZ. 6608	5.08	1.19	1.01	42.3	22.1	6.5	72	9.0	85
AZ-64	5.05	1.20	0.97	40.4	20.6	6.7	73	9.8	81
COKER 310	5.20	1.24	0.99	37.3	19.3	6.2	74	9.8	80
DELTAPINE 16	5.20	1.21	0.98	35.3	19.3	8.3	77	8.5	81
ACALA 1517-70	4.41	1.24	1.03	45.8	24.7	5.8	74	9.5	84
ACALA 1517V	4.40	1.29	1.10	42.0	24.2	6.2	75	9.0	85
LOCKETT 4789A	4.94	1.17	0.97	38.1	19.6	6.1	76	10.0	83
ARTESIA, N.MEX.									
COKER 310	4.91	1.33	1.11	32.0	16.7	8.8	78	9.0	84
ARIZ. 6608	4.50	1.26	1.10	35.5	20.0	8.4	77	8.0	87
ACALA 1517V	4.18	1.35	1.20	35.8	20.3	8.6	79	8.5	89
LOCKETT 4789A	4.55	1.24	1.05	35.3	16.9	9.1	80	8.3	85
DELTAPINE 16	4.55	1.29	1.09	29.8	16.7	11.8	78	8.8	84
ACALA 1517-70	4.25	1.33	1.12	40.1	21.2	7.8	78	8.8	85
AZ-64	4.81	1.25	1.05	32.8	17.8	9.3	77	9.0	85

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
			EL PASO, TEX.						
DELTAPINE 16	994	A	5.68	80	40.7	10.9	.58	1.23	11.2
COKER 310	993	A	5.83	78	41.0	10.8	.58	1.24	12.0
ARIZ. 6608	958	A	6.03	76	39.0	12.1	.60	1.19	14.0
AZ-64	952	A	5.82	78	41.3	11.8	.57	1.17	13.0
ACALA 1517V	935	AB	6.11	75	37.9	13.1	.61	1.26	14.9
ACALA 1517-70	878	AB	6.16	74	37.3	12.6	.60	1.24	14.9
LOCKETT 4789A	780	B	6.07	75	38.8	11.3	.55	1.17	12.0
			LAS CR., N.MEX.						
ACALA 1517-70	1175	A	6.61	69	36.1	12.9			
ACALA 1517V	1123	A	7.01	65	36.8	12.9			
ARIZ. 6608	905	B	6.26	73	36.9	11.4			
DELTAPINE 16	887	B	5.75	79	36.8	9.7			
COKER 310	856	B	5.61	81	37.6	11.1			
AZ-64	837	B	5.65	80	38.0	11.8			
LOCKETT 4789A	766	B	5.97	76	35.4	10.9			
			SAFFORD, ARIZ.						
AZ-64	1493	A	6.44	70	40.9	12.7	.53	1.11	12.1
COKER 310	1469	A	6.34	72	40.2	11.3	.54	1.17	11.7
DELTAPINE 16	1453	A	6.21	73	39.7	10.9	.53	1.15	10.5
ARIZ. 6608	1428	A	6.54	69	40.5	12.4	.54	1.10	12.4
ACALA 1517V	1206	B	7.03	65	37.9	13.2	.58	1.19	14.8
ACALA 1517-70	1204	B	6.73	68	36.5	13.0	.56	1.17	14.0
LOCKETT 4789A	961	C	6.59	69	37.4	11.7	.50	1.10	11.5
			PAHRUMP, NEV.						
LOCKETT 4789A	600	A	5.13	89	37.0	11.0	.50	1.09	11.0
COKER 310	551	A	4.55	100	37.8	12.5	.49	1.12	11.1
ARIZ. 6608	524	A	4.62	99	36.6	12.0	.50	1.09	12.4
DELTAPINE 16	487	A	4.43	105	36.1	10.0	.50	1.08	10.4
ACALA 1517V	478	A	4.85	94	37.1	14.0	.54	1.14	13.8
ACALA 1517-70	474	A	4.48	102	35.7	11.0	.50	1.10	12.7
AZ-64	337	B	4.95	92	24.0	11.5	.50	1.08	12.1

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
EL PASO, TEX.									
DELTAPINE 16	4.75	1.28	1.07	31.7	17.1	11.1	80	8.0	84
COKER 310	4.99	1.29	1.08	36.4	18.3	8.0	78	8.5	84
ARIZ. 6608	4.52	1.25	1.08	38.9	21.5	7.4	78	9.8	87
AZ-64	4.59	1.24	1.05	37.4	19.8	8.2	78	10.5	85
ACALA 1517V	4.16	1.32	1.13	40.6	21.9	7.0	80	8.0	86
ACALA 1517-70	4.20	1.33	1.14	42.8	21.6	7.2	78	8.8	86
LOCKETT 4789A	4.57	1.22	1.00	35.1	17.8	8.2	79	9.3	83
LAS CR., N.MEX.									
ACALA 1517-70									
ACALA 1517V									
ARIZ. 6608									
DELTAPINE 16									
COKER 310									
AZ-64									
LOCKETT 4789A									
S.(PACE),ARIZ.									
AZ-64	4.95	1.12	0.91	39.1	20.6	7.3	72	7.5	82
COKER 310	4.78	1.21	0.95	36.9	19.7	7.6	70	7.3	78
DELTAPINE 16	4.88	1.17	0.94	33.6	18.3	10.0	72	7.3	80
ARIZ. 6608	5.33	1.12	0.90	40.3	20.3	7.3	71	7.5	81
ACALA 1517V	4.50	1.27	1.10	40.6	22.8	7.2	72	7.3	87
ACALA 1517-70	4.44	1.18	0.94	44.2	23.5	6.5	69	6.8	80
LOCKETT 4789A	4.71	1.13	0.92	36.1	17.9	7.4	72	7.8	82
PAHRUMP, NEV.									
LOCKETT 4789A	4.50	1.11	0.92	36.1	17.8	7.3	72	8.5	83
COKER 310	5.00	1.18	0.93	36.3	18.2	7.3	75	8.0	79
ARIZ. 6608	4.75	1.10	0.90	41.0	19.0	6.8	69	8.8	82
DELTAPINE 16	5.10	1.11	0.91	33.8	17.6	10.0	76	8.0	82
ACALA 1517V	4.52	1.19	0.99	41.8	22.0	6.8	75	8.5	84
ACALA 1517-70	4.59	1.15	0.93	43.2	21.6	6.6	73	8.0	81
AZ-64	4.82	1.10	0.89	38.8	19.1	7.3	73	8.5	81

1972 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL GRAM PER BOLL	SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
ACALA SJ-2	1069 A	7.40	62	36.6	14.4	.54	1.18	13.4
COKER 310	1039 A	6.03	76	38.8	11.4	.50	1.19	11.7
T 1307	1024 AB	7.41	61	37.1	13.6	.54	1.15	13.9
DELTAPINE 16	1016 AB	6.37	72	37.0	11.8	.50	1.17	11.5
ACALA SJ-1	1000 ABC	7.59	60	35.3	14.9	.54	1.18	13.6
ACALA 1517-70	955 BCD	7.02	65	35.5	13.5	.53	1.19	14.7
ACALA4-42-1958E	935 CD	8.64	53	37.1	14.6	.53	1.14	13.5
ACALA 4-42-1966	906 D	8.49	54	37.7	14.5	.53	1.16	13.7
LOCKETT 4789A	782 E	6.59	69	35.3	12.7	.50	1.13	11.7

LOCATIONS COMBINING VARIETIES

WASCO, CAL.	1268 A	7.36	63	38.5	12.7	.51	1.18	12.5
CORCORAN, CAL.	1242 A	7.57	61	37.7	12.9	.53	1.17	13.5
KERMAN, CAL.	1104 B	7.35	62	37.8	13.2	.54	1.17	12.8
DINUBA, CAL.	1038 B	7.46	62	36.7	13.1	.53	1.17	13.5
COALINGA, CAL.	950 C	7.77	59	36.1	13.6	.54	1.20	12.3
ARVIN, CAL.	756 D	7.03	65	35.1	14.2	.51	1.13	12.9
CHOWCHI'A, CAL.	709 D	6.86	67	36.3	13.8	.52	1.16	13.6
TULARE, CAL.	690 D	6.85	67	35.7	14.3	.52	1.16	13.6

1972 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ACALA SJ-2	4.38	1.18	0.98	39.2	20.8	7.1	75	7.4	83
COKER 310	4.18	1.16	0.91	37.0	18.8	7.2	75	7.2	78
T 1307	4.61	1.16	1.00	40.5	22.1	6.9	75	7.6	86
DELTAPINE 16	4.00	1.14	0.92	34.0	18.4	9.4	77	6.9	80
ACALA SJ-1	4.48	1.17	0.99	40.4	21.5	6.8	74	7.7	84
ACALA 1517-70	4.05	1.18	0.96	43.7	22.0	6.1	75	7.6	82
ACALA4-42-1958E	4.51	1.14	0.97	39.2	21.0	7.2	75	7.5	84
ACALA 4-42-1966	4.20	1.16	0.98	39.2	20.9	7.4	75	7.5	84
LOCKETT 4789A	3.93	1.11	0.90	36.3	18.5	7.4	75	7.4	81

LOCATIONS COMBINING VARIETIES

WASCO, CAL.	3.92	1.17	0.95	36.9	19.3	7.6	75	7.4	82
CORCORAN, CAL.	4.08	1.15	0.94	40.0	21.1	7.5	77	8.2	82
KERMAN, CAL.	4.55	1.17	0.97	36.0	19.5	7.8	75	7.7	83
DINUBA, CAL.	4.36	1.15	0.96	40.4	21.3	7.2	78	7.8	83
COALINGA, CAL.	4.37	1.17	0.95	35.9	19.6	7.5	69	6.0	82
ARVIN, CAL.	4.37	1.14	0.94	40.3	21.1	6.9	75	8.1	83
CHOWCHILLA, CAL.	4.18	1.14	0.94	40.7	21.4	7.5	74	6.8	83
TULARE, CAL.	4.26	1.17	0.98	40.4	20.4	6.4	78	7.4	83

1972 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

ACALA4-42-1958E	8.64	A
ACALA 4-42-1966	8.49	A
ACALA SJ-1	7.59	B
T 1307	7.41	B
ACALA SJ-2	7.40	B
ACALA 1517-70	7.02	C
LOCKETT 4789A	6.59	D
DELTAPINE 16	6.37	D
COKER 310	6.03	E

BOLL SIZE, NO. PER LB.

COKER 310	76	A
DELTAPINE 16	72	B
LOCKETT 4789A	69	C
ACALA 1517-70	65	D
ACALA SJ-2	62	E
T 1307	61	E
ACALA SJ-1	60	E
ACALA 4-42-1966	54	F
ACALA4-42-1958E	53	F

LINT PCT.

COKER 310	38.8	A
ACALA 4-42-1966	37.7	B
ACALA4-42-1958E	37.1	BC
T 1307	37.1	BC
DELTAPINE 16	37.0	C
ACALA SJ-2	36.6	C
ACALA 1517-70	35.5	D
LOCKETT 4789A	35.3	D
ACALA SJ-1	35.3	D

SEED INDEX

ACALA SJ-1	14.9	A
ACALA4-42-1958E	14.6	AB
ACALA 4-42-1966	14.5	AB
ACALA SJ-2	14.4	B
T 1307	13.6	C
ACALA 1517-70	13.5	C
LOCKETT 4789A	12.7	D
DELTAPINE 16	11.8	E
COKER 310	11.4	E

SPAN LENGTH, 50 PCT.

ACALA SJ-2	0.54	A
T 1307	0.54	A
ACALA SJ-1	0.54	A
ACALA 4-42-1966	0.53	A
ACALA4-42-1958E	0.53	A
ACALA 1517-70	0.53	A
LOCKETT 4789A	0.50	B
DELTAPINE 16	0.50	B
COKER 310	0.50	B

SPAN LENGTH, 2.5 PCT.

ACALA 1517-70	1.19	A
COKER 310	1.19	A
ACALA SJ-1	1.18	AB
ACALA SJ-2	1.18	AB
DELTAPINE 16	1.17	BC
ACALA 4-42-1966	1.16	CD
T 1307	1.15	DE
ACALA4-42-1958E	1.14	EF
LOCKETT 4789A	1.13	F

DRAWING SLIVER, UHM

ACALA 1517-70	1.18	A
ACALA SJ-2	1.18	A
ACALA SJ-1	1.17	AB
COKER 310	1.16	B
ACALA 4-42-1966	1.16	B
T 1307	1.16	B
ACALA4-42-1958E	1.14	C
DELTAPINE 16	1.14	C
LOCKETT 4789A	1.11	D

DRAWING SLIVER, MEAN

T 1307	1.00	A
ACALA SJ-1	0.99	AB
ACALA 4-42-1966	0.98	ABC
ACALA SJ-2	0.98	ABC
ACALA4-42-1958E	0.97	BC
ACALA 1517-70	0.96	C
DELTAPINE 16	0.92	D
COKER 310	0.91	D
LOCKETT 4789A	0.90	D

1972 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO

T 1307	86	A
ACALA4-42-1958E	84	B
ACALA 4-42-1966	84	B
ACALA SJ-1	84	B
ACALA SJ-2	83	BC
ACALA 1517-70	82	CD
LOCKETT 4789A	81	DE
DELTAPINE 16	80	E
COKER 310	78	F

MICRONAIRE

T 1307	4.61	A
ACALA4-42-1958E	4.51	A
ACALA SJ-1	4.48	A
ACALA SJ-2	4.38	AB
ACALA 4-42-1966	4.20	BC
COKER 310	4.18	BC
ACALA 1517-70	4.05	C
DELTAPINE 16	4.00	C
LOCKETT 4789A	3.93	C

YARN TENACITY

ACALA 1517-70	14.7	A
T 1307	13.9	B
ACALA 4-42-1966	13.7	BC
ACALA SJ-1	13.6	BC
ACALA4-42-1958E	13.5	C
ACALA SJ-2	13.4	C
COKER 310	11.7	D
LOCKETT 4789A	11.7	D
DELTAPINE 16	11.5	D

STELOMETER - E1

DELTAPINE 16	9.4	A
ACALA 4-42-1966	7.4	B
LOCKETT 4789A	7.4	B
COKER 310	7.2	BC
ACALA4-42-1958E	7.2	BC
ACALA SJ-2	7.1	BC
T 1307	6.9	CD
ACALA SJ-1	6.8	D
ACALA 1517-70	6.1	E

STELOMETER - T0

ACALA 1517-70	43.7	A
T 1307	40.5	B
ACALA SJ-1	40.4	B
ACALA 4-42-1966	39.2	C
ACALA4-42-1958E	39.2	C
ACALA SJ-2	39.2	C
COKER 310	37.0	D
LOCKETT 4789A	36.3	D
DELTAPINE 16	34.0	E

STELOMETER - T1

T 1307	22.1	A
ACALA 1517-70	22.0	AB
ACALA SJ-1	21.5	BC
ACALA4-42-1958E	21.0	CD
ACALA 4-42-1966	20.9	D
ACALA SJ-2	20.8	D
COKER 310	18.8	E
LOCKETT 4789A	18.5	E
DELTAPINE 16	18.4	E

COLORIMETER -B

ACALA SJ-1	7.7	A
T 1307	7.6	AB
ACALA 1517-70	7.6	AB
ACALA 4-42-1966	7.5	AB
ACALA4-42-1958E	7.5	AB
LOCKETT 4789A	7.4	AB
ACALA SJ-2	7.4	AB
COKER 310	7.2	BC
DELTAPINE 16	6.9	C

COLORIMETER -RD

DELTAPINE 16	77	A
COKER 310	75	B
ACALA 1517-70	75	B
ACALA SJ-2	75	B
ACALA4-42-1958E	75	B
ACALA 4-42-1966	75	B
T 1307	75	B
LOCKETT 4789A	75	B
ACALA SJ-1	74	B

1972 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
DINUBA, CAL.									
COKER 310	1148	A	5.94	76	38.2	12.0	.51	1.19	12.0
DELTAPINE 16	1102	B	5.98	76	36.8	11.0	.50	1.17	11.6
ACALA SJ-2	1096	B	7.49	61	36.3	14.0	.55	1.19	14.2
T 1307	1080	BC	7.79	58	37.5	13.7	.54	1.13	13.8
ACALA 1517-70	1077	BC	7.19	63	35.7	13.3	.52	1.17	14.8
ACALA SJ-1	1042	C	7.81	58	36.0	13.9	.56	1.19	14.1
ACALA4-42-1958E	946	D	8.65	53	36.6	13.7	.55	1.15	14.3
ACALA 4-42-1966	936	D	9.26	49	37.7	14.2	.54	1.16	14.1
LOCKETT 4789A	916	D	7.02	65	35.3	12.2	.50	1.12	12.0
COALINGA, CAL.									
ACALA SJ-2	1147	A	8.47	54	34.8	14.8	.55	1.21	12.8
DELTAPINE 16	1139	AB	7.01	65	37.5	11.4	.54	1.20	11.0
T 1307	1031	ABC	7.59	60	36.9	13.1	.54	1.16	12.8
ACALA SJ-1	1015	BC	8.53	53	33.8	15.4	.56	1.21	12.8
COKER 310	980	C	6.51	71	39.3	11.1	.50	1.24	11.2
ACALA 4-42-1966	851	D	8.81	52	36.3	14.8	.53	1.17	12.3
ACALA4-42-1958E	839	D	8.96	51	36.2	14.8	.54	1.16	12.3
LOCKETT 4789A	778	D	7.07	64	35.2	13.5	.50	1.16	11.4
ACALA 1517-70	769	D	6.97	66	34.8	13.6	.54	1.23	14.0
CORCORAN, CAL.									
ACALA SJ-2	1326	A	7.67	59	38.1	14.1	.55	1.18	13.8
T 1307	1321	A	7.99	57	38.1	12.7	.55	1.15	14.3
ACALA SJ-1	1307	AB	7.80	58	36.5	13.7	.53	1.16	14.1
ACALA4-42-1958E	1278	AB	9.19	49	38.6	14.2	.54	1.14	14.1
COKER 310	1246	AB	6.40	72	39.6	11.2	.50	1.19	12.1
ACALA 4-42-1966	1221	B	8.37	55	39.5	14.1	.53	1.16	14.3
DELTAPINE 16	1221	B	6.38	72	37.3	11.4	.49	1.19	11.7
ACALA 1517-70	1215	B	7.32	62	36.0	12.6	.52	1.18	15.2
LOCKETT 4789A	1040	C	6.97	65	35.1	12.1	.50	1.15	11.6
TULARE, CAL.									
ACALA SJ-2	753	A	6.97	65	35.6	14.8	.55	1.17	14.2
T 1307	740	AB	6.92	66	35.5	14.4	.54	1.15	14.4
DELTAPINE 16	725	AB	6.17	74	36.3	12.7	.48	1.15	11.9
ACALA SJ-1	710	ABC	6.84	67	34.0	16.1	.53	1.17	14.4
COKER 310	698	BC	5.46	83	37.5	11.8	.47	1.17	11.7
ACALA4-42-1958E	693	BC	8.06	56	35.5	15.3	.52	1.12	14.1
ACALA 4-42-1966	667	C	8.40	54	37.0	15.2	.54	1.15	14.6
ACALA 1517-70	615	D	6.55	69	34.6	14.5	.52	1.17	15.3
LOCKETT 4789A	608	D	6.22	73	34.7	13.8	.50	1.13	11.6

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
DINUBA, CAL.									
COKER 310	4.21	1.14	0.90	37.9	19.6	7.4	77	7.5	79
DELTAPINE 16	4.16	1.12	0.89	35.4	19.4	9.5	78	7.0	80
ACALA SJ-2	4.57	1.19	1.00	41.1	22.2	7.0	78	7.5	84
T 1307	4.91	1.15	0.99	43.3	23.4	6.7	77	8.3	86
ACALA 1517-70	4.27	1.15	0.94	45.7	22.1	6.0	78	8.5	82
ACALA SJ-1	4.56	1.19	1.02	41.0	20.8	6.6	78	8.0	86
ACALA4-42-1958E	4.25	1.15	0.97	41.4	22.2	7.1	79	7.5	84
ACALA 4-42-1966	4.39	1.18	1.00	40.7	22.1	6.9	79	8.3	85
LOCKETT 4789A	3.92	1.10	0.89	36.6	19.5	7.4	78	7.8	82
COALINGA, CAL.									
ACALA SJ-2	4.53	1.16	0.94	36.2	20.0	6.9	68	6.0	81
DELTAPINE 16	4.35	1.16	0.93	31.4	18.0	9.4	71	5.3	80
T 1307	4.66	1.16	1.01	37.1	20.8	6.9	69	5.8	87
ACALA SJ-1	4.49	1.16	0.95	37.0	20.5	7.4	69	6.8	82
COKER 310	4.38	1.20	0.94	34.4	18.1	7.6	70	5.5	79
ACALA 4-42-1966	4.11	1.15	0.94	35.2	19.1	8.2	69	6.5	83
ACALA4-42-1958E	4.26	1.14	0.92	34.9	19.5	7.7	69	6.3	81
LOCKETT 4789A	4.47	1.14	0.92	35.5	18.1	7.2	70	5.5	81
ACALA 1517-70	4.04	1.22	1.01	41.1	21.7	6.1	69	6.5	83
COPPERAN, CAL.									
ACALA SJ-2	4.09	1.16	0.98	40.9	21.9	7.2	76	8.8	84
T 1307	4.48	1.15	0.99	41.6	22.6	6.8	77	8.0	86
ACALA SJ-1	4.34	1.15	0.97	43.3	22.8	6.5	77	9.0	84
ACALA4-42-1958E	4.23	1.15	0.98	40.7	21.9	7.3	78	8.8	85
COKER 310	3.75	1.15	0.89	38.0	18.6	7.7	77	7.3	78
ACALA 4-42-1966	3.94	1.17	0.99	40.7	22.3	7.5	78	8.3	85
DELTAPINE 16	3.56	1.12	0.89	35.3	19.0	9.8	79	7.3	80
ACALA 1517-70	3.55	1.17	0.95	43.2	22.7	6.5	75	8.0	81
LOCKETT 4789A	3.46	1.08	0.83	36.3	18.3	7.8	78	8.3	78
TULARE, CAL.									
ACALA SJ-2	4.23	1.19	1.00	41.4	20.7	6.3	78	7.0	84
T 1307	4.50	1.18	1.02	42.1	22.4	6.0	77	8.0	87
DELTAPINE 16	4.11	1.15	0.93	35.5	18.6	8.3	79	7.0	81
ACALA SJ-1	4.47	1.19	1.00	41.8	20.7	6.2	78	7.3	84
COKER 310	4.19	1.18	0.93	37.6	19.1	5.9	78	7.8	79
ACALA4-42-1958E	4.26	1.16	0.99	40.3	21.3	6.1	79	7.0	86
ACALA 4-42-1966	4.27	1.17	1.01	40.6	20.0	6.6	78	7.0	86
ACALA 1517-70	4.10	1.18	0.96	44.4	21.3	5.4	78	7.8	81
LOCKETT 4789A	4.15	1.14	0.93	39.5	18.9	6.5	78	8.3	82

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
CHOWCHI'A, CAL.									
T 1307	802	A	6.76	67	36.4	14.5	.54	1.14	14.4
ACALA SJ-2	800	A	6.78	67	37.0	14.6	.54	1.17	13.7
ACALA SJ-1	786	A	6.91	66	34.7	15.3	.54	1.16	13.4
DELTAPINE 16	776	AB	6.45	70	36.6	13.1	.49	1.16	12.1
COKER 310	720	BC	5.74	79	37.9	11.2	.49	1.18	12.0
ACALA 1517-70	703	C	7.35	62	34.1	14.3	.53	1.19	15.4
ACALA4-42-1958E	671	C	8.25	55	37.4	14.5	.54	1.13	14.1
ACALA 4-42-1966	660	C	7.75	59	38.0	14.4	.53	1.15	14.4
LOCKETT 4789A	463	D	5.73	80	34.1	12.7	.49	1.11	12.5
KERMAN, CAL.									
COKER 310	1324	A	6.13	74	40.6	10.9	.53	1.21	11.7
ACALA SJ-2	1239	B	7.12	64	37.4	13.7	.54	1.19	13.0
ACALA 1517-70	1170	C	6.70	68	37.1	13.4	.55	1.21	14.4
DELTAPINE 16	1129	C	6.60	69	37.4	11.9	.52	1.17	10.8
ACALA SJ-1	1112	CD	7.70	59	36.7	14.5	.54	1.17	13.5
T 1307	1055	D	7.50	61	37.7	12.7	.55	1.14	14.0
ACALA4-42-1958E	990	E	8.56	53	38.1	14.3	.54	1.15	13.1
LOCKETT 4789A	966	E	7.12	64	37.1	13.5	.51	1.15	11.5
ACALA 4-42-1966	949	E	8.75	52	37.7	14.0	.54	1.16	13.3
WASCO, CAL.									
COKER 310	1460	A	5.98	77	40.8	10.6	.49	1.23	11.6
T 1307	1357	B	7.35	62	39.4	12.8	.53	1.17	12.9
ACALA SJ-2	1348	B	7.89	58	38.0	13.7	.53	1.19	12.3
ACALA4-42-1958E	1268	C	9.07	50	38.4	14.5	.52	1.14	12.7
ACALA SJ-1	1251	C	8.05	57	37.3	14.1	.52	1.18	12.8
DELTAPINE 16	1245	C	6.20	74	38.6	11.0	.48	1.19	11.9
ACALA 1517-70	1236	CD	7.17	64	37.4	12.4	.49	1.19	13.8
ACALA 4-42-1966	1172	D	8.17	56	38.7	13.8	.53	1.17	12.7
LOCKETT 4789A	1074	E	6.34	72	37.5	11.6	.50	1.15	11.4
ARVIN, CAL.									
ACALA 1517-70	853	A	6.87	66	34.1	14.3	.51	1.16	14.7
ACALA SJ-2	843	AB	6.79	67	35.5	15.2	.52	1.15	12.8
T 1307	803	ABC	7.37	62	35.3	14.8	.53	1.14	14.2
ACALA4-42-1958E	794	ABC	8.39	54	36.0	15.4	.52	1.11	13.4
ACALA 4-42-1966	794	ABC	8.39	54	36.5	15.3	.52	1.11	13.8
DELTAPINE 16	791	ABC	6.12	75	35.0	12.3	.49	1.14	11.1
ACALA SJ-1	774	BC	7.08	64	33.6	15.9	.52	1.13	13.5
COKER 310	739	C	6.07	75	36.1	12.2	.47	1.12	11.0
LOCKETT 4789A	410	D	6.21	73	33.4	12.4	.47	1.09	11.5

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
CHOWCHI*A, CAL.									
T 1307	4.46	1.15	1.00	41.9	23.5	7.5	73	7.0	87
ACALA SJ-2	4.50	1.15	0.96	42.0	21.6	7.3	74	6.8	84
ACALA SJ-1	4.60	1.15	0.96	41.7	22.5	6.6	72	6.5	84
DELTAPINE 16	3.69	1.13	0.89	35.5	18.9	9.6	75	6.5	79
COKER 310	4.05	1.14	0.88	39.1	19.7	7.4	74	6.8	77
ACALA 1517-70	4.01	1.18	1.00	47.1	23.1	6.3	75	6.8	85
ACALA4-42-1958E	4.42	1.09	0.93	40.8	21.8	7.1	73	7.0	85
ACALA 4-42-1966	4.21	1.15	0.98	40.5	22.1	7.5	74	7.3	85
LOCKETT 4789A	3.62	1.10	0.87	37.9	19.1	7.9	73	6.5	79
KERMAN, CAL.									
COKER 310	4.60	1.17	0.93	34.4	18.6	7.8	76	7.8	80
ACALA SJ-2	4.62	1.18	1.00	35.5	19.6	7.9	76	7.5	85
ACALA 1517-70	4.41	1.19	0.96	41.3	20.8	6.7	75	8.3	81
DELTAPINE 16	4.41	1.16	0.94	30.6	17.2	10.0	77	7.5	82
ACALA SJ-1	4.77	1.18	1.00	37.5	21.0	7.1	76	8.0	86
T 1307	4.80	1.15	0.99	37.8	20.6	7.5	75	7.5	86
ACALA4-42-1958E	4.54	1.16	0.99	36.8	20.0	7.6	76	7.5	86
LOCKETT 4789A	4.26	1.13	0.92	33.7	17.4	8.0	75	7.8	82
ACALA 4-42-1966	4.50	1.16	0.99	36.5	20.0	7.8	76	7.5	85
WASCO, CAL.									
COKER 310	3.77	1.17	0.91	36.0	17.9	7.5	76	6.5	78
T 1307	4.30	1.17	0.99	37.0	19.9	7.3	73	8.0	85
ACALA SJ-2	4.06	1.20	0.99	36.6	19.4	7.3	74	8.0	83
ACALA4-42-1958E	4.23	1.15	0.97	37.3	19.5	7.6	74	7.8	84
ACALA SJ-1	4.09	1.20	1.00	37.9	20.2	7.2	74	8.0	84
DELTAPINE 16	3.38	1.16	0.91	32.9	17.9	9.9	79	6.8	79
ACALA 1517-70	3.75	1.16	0.93	41.4	21.0	6.3	74	7.3	80
ACALA 4-42-1966	3.88	1.17	0.97	38.1	20.2	7.4	75	7.3	83
LOCKETT 4789A	3.81	1.13	0.91	34.6	17.2	7.6	76	7.3	81
ARVIN, CAL.									
ACALA 1517-70	4.21	1.16	0.94	45.2	22.9	5.7	77	8.0	82
ACALA SJ-2	4.44	1.17	0.97	40.1	21.2	6.8	76	8.0	84
T 1307	4.71	1.17	0.99	42.7	23.0	6.7	77	8.0	85
ACALA4-42-1958E	4.56	1.14	0.97	41.7	21.8	6.8	75	8.3	85
ACALA 4-42-1966	4.31	1.14	0.95	40.8	21.3	7.3	75	8.3	83
DELTAPINE 16	4.33	1.13	0.93	35.2	18.4	8.1	76	7.8	82
ACALA SJ-1	4.54	1.15	0.96	42.9	22.9	6.9	73	8.3	83
COKER 310	4.50	1.13	0.88	38.2	18.8	6.4	76	8.3	78
LOCKETT 4789A	3.75	1.08	0.89	36.3	19.2	6.8	70	8.0	83

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
COKER 310	969	A	6.03	76	39.5	11.1	.56	1.24	12.4
COKER 8103	943	AB	6.21	74	38.2	11.5	.57	1.20	13.4
DELTAPINE 16	937	AB	6.08	75	38.4	11.1	.54	1.17	11.8
PD 4381D	932	AB	5.84	79	38.1	11.3	.54	1.14	13.1
STONEVILLE 804	880	ABC	5.33	86	39.6	10.8	.53	1.14	12.8
LA. DASS-197	874	ABCD	5.65	81	39.8	11.2	.53	1.14	12.7
PD 8623	872	ABCD	5.91	78	39.8	12.1	.57	1.19	13.2
CP8M1	855	BCD	6.31	73	37.7	12.3	.55	1.14	13.2
DPL 6532	799	CD	6.33	72	36.1	13.3	.59	1.24	14.9
MCNAIR 9416	787	CD	6.60	69	36.3	12.3	.54	1.13	12.6
BAYOU 7769	778	D	5.79	79	37.8	11.5	.54	1.16	13.3
ACALA 1517-70	611	E	5.88	78	36.1	12.3	.55	1.18	14.3

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE, PORTAGEVILLE, JACKSON, AND ROHWER

COKER 310	1009	A	5.87	78	39.2	11.3	.55	1.23	12.2
COKER 8103	977	AB	6.16	74	37.9	11.8	.56	1.20	13.2
DELTAPINE 16	969	AB	5.90	78	38.2	11.0	.52	1.16	11.4
PD 4381D	949	AB	5.64	81	37.8	11.4	.53	1.14	13.0
LA. DASS-197	914	ABC	5.53	82	39.8	11.2	.51	1.13	12.1
STONEVILLE 804	894	ABC	5.30	87	39.0	11.0	.53	1.14	12.5
PD 8623	891	ABC	5.73	80	39.8	11.8	.55	1.17	12.8
CP8M1	867	BC	6.08	76	37.5	12.2	.53	1.13	12.9
DPL 6532	848	BC	6.12	75	36.0	13.1	.58	1.23	14.5
MCNAIR 9416	798	CD	6.50	70	36.3	12.4	.54	1.14	12.4
BAYOU 7769	795	CD	5.74	80	37.9	11.4	.54	1.16	13.1
ACALA 1517-70	673	D	5.99	76	35.9	12.6	.55	1.19	13.8

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLE MINA

COKER 310	922	A	6.22	73	39.9	10.9	.58	1.24	12.7
PD 4381D	913	AB	6.07	75	38.6	11.1	.56	1.15	13.1
COKER 8103	903	AB	6.28	73	38.5	11.1	.58	1.20	13.6
DELTAPINE 16	899	ABC	6.28	73	38.6	11.2	.56	1.18	12.2
STONEVILLE 804	864	ABC	5.38	85	40.2	10.5	.54	1.14	13.1
PD 8623	850	ABC	6.12	75	39.9	12.4	.59	1.20	13.6
CP8M1	840	ABC	6.59	69	37.9	12.5	.57	1.16	13.5
LA. DASS-197	826	ABC	5.79	79	39.8	11.2	.55	1.15	13.4
MCNAIR 9416	774	ABC	6.72	68	36.2	12.3	.55	1.12	12.8
BAYOU 7769	757	BC	5.84	78	37.8	11.5	.55	1.15	13.5
DPL 6532	739	C	6.58	69	36.2	13.6	.60	1.25	15.4
ACALA 1517-70	537	D	5.74	79	36.3	11.9	.55	1.17	14.8

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COKER 310	4.32	1.22	0.96	35.8	19.0	7.5	73	8.3	78
COKER 8103	4.16	1.20	0.96	37.6	20.3	6.7	73	8.2	80
DELTAPINE 16	4.48	1.16	0.93	33.2	18.3	9.6	74	7.7	79
PD 4381D	4.09	1.15	0.94	37.0	19.7	7.3	72	8.4	82
STONEVILLE 804	4.15	1.11	0.88	38.4	19.5	6.8	72	8.4	79
LA. DASS-197	4.51	1.14	0.90	40.0	19.2	6.2	73	7.9	79
PD 8623	4.67	1.19	0.96	40.5	20.0	6.2	73	8.3	81
CP8M1	4.46	1.14	0.91	40.5	20.4	6.1	72	8.2	80
DPL 6532	4.45	1.24	1.02	42.2	22.2	6.1	72	7.5	82
MCNAIR 9416	4.55	1.15	0.94	37.7	18.7	6.5	73	8.1	82
BAYOU 7769	4.16	1.15	0.93	37.7	20.2	7.6	74	8.6	81
ACALA 1517-70	3.93	1.17	0.92	42.5	22.1	6.0	72	8.6	79

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE, PORTAGEVILLE, JACKSON, AND ROHWER

COKER 310	4.30	1.20	0.93	36.4	19.0	6.9	70	8.2	77
COKER 8103	4.13	1.19	0.94	38.7	20.3	6.4	71	7.7	79
DELTAPINE 16	4.40	1.13	0.87	34.3	18.1	8.8	71	7.6	77
PD 4381D	4.02	1.13	0.91	37.5	19.5	6.9	70	8.1	80
LA. DASS-197	4.49	1.11	0.87	40.2	18.6	5.7	70	7.8	78
STONEVILLE 804	4.12	1.10	0.86	38.7	19.5	6.5	69	8.0	78
PD 8623	4.60	1.17	0.92	40.9	20.0	5.9	70	8.0	79
CP8M1	4.36	1.12	0.88	41.0	20.1	5.7	70	8.0	78
DPL 6532	4.41	1.21	0.97	42.6	22.1	5.5	70	7.4	80
MCNAIR 9416	4.43	1.14	0.92	37.9	18.2	6.1	71	8.0	80
BAYOU 7769	4.14	1.14	0.90	38.9	20.1	7.2	71	8.3	79
ACALA 1517-70	3.90	1.15	0.89	43.2	22.0	5.8	70	8.5	77

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLE MINA

COKER 310	4.35	1.25	0.99	34.9	19.0	8.2	76	8.5	80
PD 4381D	4.16	1.16	0.97	36.4	19.9	7.8	75	8.7	84
COKER 8103	4.20	1.21	0.99	36.3	20.3	7.0	76	8.7	82
DELTAPINE 16	4.58	1.21	0.99	31.9	18.6	10.6	77	7.9	82
STONEVILLE 804	4.18	1.12	0.91	38.0	19.6	7.2	75	8.8	81
PD 8623	4.76	1.22	1.02	40.1	20.1	6.6	76	8.6	84
CP8M1	4.57	1.15	0.94	40.0	20.7	6.5	75	8.3	81
LA. DASS-197	4.53	1.16	0.95	39.8	19.8	6.8	76	8.1	82
MCNAIR 9416	4.68	1.15	0.97	37.5	19.2	6.9	75	8.3	84
BAYOU 7769	4.19	1.16	0.96	36.2	20.4	8.2	77	9.0	83
DPL 6532	4.50	1.28	1.08	41.8	22.4	6.8	75	7.6	84
ACALA 1517-70	3.98	1.18	0.95	41.6	22.3	6.3	75	8.6	81

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
BELLE MINA,ALA.	1259 A	5.85	78	42.8	10.7	.54	1.14	12.6
ROHWER, ARK.	1031 B	4.99	91	37.1	10.6	.56	1.20	14.1
PORT'VILLE, MO.	960 BC	6.28	73	40.2	12.0	.50	1.14	11.2
EXPERIMENT, GA.	930 C	6.47	70	40.0	11.7	.58	1.18	13.5
ST JOSEPH, LA.	926 C	6.33	72	38.5	11.6	.58	1.22	14.0
COL. STA., TEX.	807 D	5.74	80	35.2	12.1	.55	1.19	12.8
FLORENCE, S.C.	805 D	6.31	72	35.1	12.4	.58	1.22	13.2
ST'VILLE, MISS.	786 D	5.86	78	38.8	13.9	.53	1.13	13.3
JACKSON, TENN.	782 D	6.08	75	37.8	10.4	.52	1.13	11.5
TIFTON, GA.	691 E	5.65	81	38.9	10.8	.54	1.13	13.3
ROCKY MT., N.C.	410 F	6.39	72	34.8	12.8	.58	1.21	14.8

BOLL SIZE, GRAM PER BOLL

MCNAIR 9416	6.60	A
DPL 6532	6.33	B
CP8M1	6.31	B
COKER 8103	6.21	BC
DELTAPINE 16	6.08	BCD
COKER 310	6.03	CDE
PD 8623	5.91	DE
ACALA 1517-70	5.88	DEF
PD 4381D	5.84	DEF
BAYOU 7769	5.79	EF
LA. DASS-197	5.65	F
STONEVILLE 804	5.33	G

BOLL SIZE, NO. PER LB.

STONEVILLE 804	86	A
LA. DASS-197	81	B
PD 4381D	79	BC
BAYOU 7769	79	BC
ACALA 1517-70	78	BCD
PD 8623	78	BCD
COKER 310	76	CDE
DELTAPINE 16	75	DEF
COKER 8103	74	EF
CP8M1	73	EF
DPL 6532	72	F
MCNAIR 9416	69	G

LINT PCT.

LA. DASS-197	39.8	A
PD 8623	39.8	A
STONEVILLE 804	39.6	A
COKER 310	39.5	A
DELTAPINE 16	38.4	B
COKER 8103	38.2	B
PD 4381D	38.1	B
BAYOU 7769	37.8	B
CP8M1	37.7	B
MCNAIR 9416	36.3	C
ACALA 1517-70	36.1	C
DPL 6532	36.1	C

SEED INDEX

DPL 6532	13.3	A
ACALA 1517-70	12.3	B
MCNAIR 9416	12.3	B
CP8M1	12.3	B
PD 8623	12.1	B
COKER 8103	11.5	C
BAYOU 7769	11.5	C
PD 4381D	11.3	C
LA. DASS-197	11.2	CD
COKER 310	11.1	CD
DELTAPINE 16	11.1	CD
STONEVILLE 804	10.8	D

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
BELLE MINA,ALA.	4.44	1.13	0.90	37.7	19.3	7.5	74	8.2	79
ROHWER, ARK.	3.90	1.18	0.94	40.0	20.3	6.8	73	7.8	80
PORT'VILLE, MO.	4.45	1.09	0.80	37.4	17.8	6.8	67	7.3	74
EXPERIMENT, GA.	4.64	1.21	1.02	38.0	20.3	7.3	75	7.9	84
ST JOSEPH, LA.	4.42	1.20	0.93	40.2	21.0	5.6	71	8.3	78
COL. STA., TEX.	4.33	1.18	0.95	37.5	19.4	6.5	69	7.2	81
FLORENCE, S.C.	4.24	1.24	1.04	36.4	20.2	7.9	79	9.0	84
ST'VILLE, MISS.	4.64	1.13	0.93	43.2	22.0	5.5	74	8.7	82
JACKSON, TENN.	3.91	1.13	0.88	36.8	18.1	7.5	68	8.6	78
TIFTON, GA.	4.55	1.13	0.90	40.5	20.7	6.1	75	8.8	80
ROCKY MT., N.C.	4.08	1.23	1.03	36.8	20.5	8.2	75	8.4	83

SPAN LENGTH, 50 PCT.

DPL 6532	0.59	A
PD 8623	0.57	B
COKER 8103	0.57	B
COKER 310	0.56	BC
CP8M1	0.55	CD
ACALA 1517-70	0.55	CD
PD 4381D	0.54	DE
MCNAIR 9416	0.54	DE
DELTAPINE 16	0.54	DE
BAYOU 7769	0.54	DE
STONEVILLE 804	0.53	E
LA. DASS-197	0.53	E

SPAN LENGTH, 2.5 PCT.

DPL 6532	1.24	A
COKER 310	1.24	A
COKER 8103	1.20	B
PD 8623	1.19	BC
ACALA 1517-70	1.18	BCD
DELTAPINE 16	1.17	CD
BAYOU 7769	1.16	D
PD 4381D	1.14	E
STONEVILLE 804	1.14	E
LA. DASS-197	1.14	E
CP8M1	1.14	E
MCNAIR 9416	1.13	E

DRAWING SLIVER, UHM

DPL 6532	1.24	A
COKER 310	1.22	AB
COKER 8103	1.20	BC
PD 8623	1.19	CD
ACALA 1517-70	1.17	DE
DELTAPINE 16	1.16	EF
BAYOU 7769	1.15	EF
MCNAIR 9416	1.15	EF
PD 4381D	1.15	EF
CP8M1	1.14	F
LA. DASS-197	1.14	F
STONEVILLE 804	1.11	G

DRAWING SLIVER, MEAN

DPL 6532	1.02	A
COKER 8103	0.96	B
PD 8623	0.96	B
COKER 310	0.96	B
PD 4381D	0.94	BC
MCNAIR 9416	0.94	BC
BAYOU 7769	0.93	BCD
DELTAPINE 16	0.93	BCD
ACALA 1517-70	0.92	CD
CP8M1	0.91	CDE
LA. DASS-197	0.90	DE
STONEVILLE 804	0.88	E

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO

MCNAIR 9416	82	A
PD 4381D	82	A
DPL 6532	82	A
BAYOU 7769	81	AB
PD 8623	81	AB
CP8M1	80	BC
COKER 8103	80	BC
DELTAPINE 16	79	CD
STONEVILLE 804	79	CD
ACALA 1517-70	79	CD
LA. DASS-197	79	CD
COKER 310	78	D

MICRONAIRE

PD 8623	4.67	A
MCNAIR 9416	4.55	AB
LA. DASS-197	4.51	B
DELTAPINE 16	4.48	B
CP8M1	4.46	BC
DPL 6532	4.45	BC
COKER 310	4.32	C
COKER 8103	4.16	D
BAYOU 7769	4.16	D
STONEVILLE 804	4.15	D
PD 4381D	4.09	D
ACALA 1517-70	3.93	E

STELOMETER - E1

DELTAPINE 16	9.6	A
BAYOU 7769	7.6	B
COKER 310	7.5	B
PD 4381D	7.3	B
STONEVILLE 804	6.8	C
COKER 8103	6.7	C
MCNAIR 9416	6.5	CD
PD 8623	6.2	DE
LA. DASS-197	6.2	DE
CP8M1	6.1	E
DPL 6532	6.1	E
ACALA 1517-70	6.0	E

YARN TENACITY

DPL 6532	14.9	A
ACALA 1517-70	14.3	B
COKER 8103	13.4	C
BAYOU 7769	13.3	C
CP8M1	13.2	CD
PD 8623	13.2	CD
PD 4381D	13.1	CDE
STONEVILLE 804	12.8	DEF
LA. DASS-197	12.7	EF
MCNAIR 9416	12.6	F
COKER 310	12.4	F
DELTAPINE 16	11.8	G

STELOMETER - TC

ACALA 1517-70	42.5	A
DPL 6532	42.2	A
PD 8623	40.5	B
CP8M1	40.5	B
LA. DASS-197	40.0	B
STONEVILLE 804	38.4	C
MCNAIR 9416	37.7	CD
BAYOU 7769	37.7	CD
COKER 8103	37.6	CD
PD 4381D	37.0	D
COKER 310	35.8	E
DELTAPINE 16	33.2	F

STELOMETER - T1

DPL 6532	22.2	A
ACALA 1517-70	22.1	A
CP8M1	20.4	B
COKER 8103	20.3	B
BAYOU 7769	20.2	BC
PD 8623	20.0	BCD
PD 4381D	19.7	CDE
STONEVILLE 804	19.5	DEF
LA. DASS-197	19.2	EFG
COKER 310	19.0	FG
MCNAIR 9416	18.7	GH
DELTAPINE 16	18.3	H

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

COLORIMETER -B		
ACALA 1517-70	8.6	A
BAYOU 7769	8.6	A
STONEVILLE 804	8.4	AB
PD 4381D	8.4	AB
PD 8623	8.3	AB
COKER 310	8.3	AB
CP8M1	8.2	ABC
COKER 8103	8.2	ABC
MCNAIR 9416	8.1	ABC
LA. DASS-197	7.9	BCD
DELTAPINE 16	7.7	CD
DPL 6532	7.5	D

COLORIMETER -RD		
BAYOU 7769	74	A
DELTAPINE 16	74	A
PD 8623	73	AB
COKER 8103	73	AB
MCNAIR 9416	73	AB
LA. DASS-197	73	AB
COKER 310	73	AB
ACALA 1517-70	72	B
DPL 6532	72	B
CP8M1	72	B
STONEVILLE 804	72	B
PD 4381D	72	B

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			ROHWER, ARK.						
COKER 310	1256	A	5.04	90	38.4	10.5	.60	1.27	13.3
DELTAPINE 16	1242	AB	5.06	90	37.1	9.7	.53	1.18	13.5
CP8M1	1143	ABC	4.98	92	36.5	10.8	.54	1.14	14.4
COKER 8103	1138	ABC	5.13	89	37.0	10.8	.58	1.22	14.2
PD 4381D	1118	BCD	4.73	96	38.0	10.1	.56	1.17	14.0
PD 8623	1039	CDE	4.92	92	37.4	10.1	.55	1.19	14.3
DPL 6532	1014	CDE	5.33	86	35.8	11.2	.61	1.26	15.3
STONEVILLE 804	987	DEF	4.10	111	37.0	9.5	.52	1.16	13.6
LA. DASS-197	979	EFG	5.10	89	37.4	11.0	.55	1.19	13.6
MCNAIR 9416	878	FG	5.30	86	36.6	11.5	.57	1.21	13.6
BAYOU 7769	851	G	4.91	92	37.2	10.0	.55	1.17	14.0
ACALA 1517-70	726	H	5.27	86	36.3	11.8	.59	1.22	15.3
			PORTAGEVILLE, MO.						
COKER 310	1168	A	6.35	72	42.5	11.3	.51	1.21	10.9
COKER 8103	1156	A	6.55	70	40.1	11.7	.51	1.16	11.4
PD 8623	1113	A	6.00	76	42.6	12.2	.50	1.14	11.5
PD 4381D	1086	AB	6.05	75	40.5	11.9	.50	1.13	11.3
CP8M1	985	BC	6.78	67	39.7	12.7	.49	1.12	11.5
DELTAPINE 16	970	BC	6.15	74	40.9	11.5	.47	1.11	10.0
LA. DASS-197	961	BC	5.75	79	42.4	10.9	.47	1.09	10.5
MCNAIR 9416	946	C	6.85	67	38.4	12.0	.48	1.10	11.0
STONEVILLE 804	921	C	5.77	79	40.6	11.5	.50	1.15	10.8
DPL 6532	857	C	6.40	71	37.0	13.5	.53	1.20	11.9
BAYOU 7769	695	D	6.25	73	39.5	11.9	.49	1.12	11.1
ACALA 1517-70	665	D	6.45	71	38.1	13.0	.50	1.17	12.6
			JACKSON, TENN.						
COKER 310	902	A	5.96	76	39.9	9.7	.55	1.23	11.7
STONEVILLE 804	893	A	5.76	79	39.1	9.8	.52	1.10	11.6
PD 4381D	852	AB	5.93	77	37.3	10.1	.48	1.07	11.5
PD 8623	846	AB	5.97	76	40.1	10.6	.57	1.16	12.5
COKER 8103	831	ABC	6.36	72	38.1	10.1	.53	1.16	11.7
CP8M1	803	ABC	6.45	71	37.3	11.4	.53	1.12	11.9
DPL 6532	803	ABC	6.54	70	35.2	12.0	.54	1.18	13.3
DELTAPINE 16	792	ABC	5.91	77	37.9	9.8	.48	1.14	9.0
LA. DASS-197	769	BC	5.76	79	39.3	10.3	.47	1.08	10.3
MCNAIR 9416	727	C	6.95	65	36.1	10.8	.52	1.09	11.4
BAYOU 7769	715	C	5.64	81	37.8	10.1	.53	1.15	12.3
ACALA 1517-70	445	D	5.72	79	34.9	10.5	.46	1.10	10.7

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
			ROHWER, ARK.						
COKER 310	4.08	1.24	0.96	38.3	20.0	6.8	74	8.0	78
DELTAPINE 16	3.78	1.14	0.92	35.5	19.1	9.0	72	7.8	81
CP8M1	3.92	1.16	0.93	41.3	20.8	6.3	72	7.8	80
COKER 8103	3.77	1.19	0.95	40.9	20.6	6.9	74	7.8	80
PD 4381D	3.80	1.14	0.92	38.1	20.0	7.3	72	7.8	81
PD 8623	3.91	1.18	0.96	41.0	20.1	6.1	73	7.8	81
DPL 6532	3.96	1.23	0.99	42.9	22.1	6.1	73	7.5	81
STONEVILLE 804	3.64	1.15	0.90	37.5	19.1	7.3	73	7.5	79
LA. DASS-197	4.11	1.16	0.91	40.6	19.9	6.0	71	7.5	78
MCNAIR 9416	4.06	1.18	0.95	37.5	19.0	6.7	74	8.3	81
BAYOU 7769	3.67	1.15	0.90	41.0	20.3	7.0	73	8.3	78
ACALA 1517-70	4.03	1.18	0.93	45.4	22.6	5.7	72	7.3	79
			PORT'VILLE, MO.						
COKER 310	4.40	1.13	0.82	35.1	16.9	7.7	67	7.0	73
COKER 8103	4.32	1.10	0.81	37.6	19.1	6.7	67	6.8	74
PD 8623	4.71	1.12	0.82	38.3	17.5	6.2	67	6.8	74
PD 4381D	4.35	1.09	0.81	35.1	17.6	6.9	66	7.5	75
CP8M1	4.46	1.08	0.81	38.8	18.7	6.1	67	7.0	75
DELTAPINE 16	4.59	1.05	0.76	33.6	16.8	8.8	68	7.0	73
LA. DASS-197	4.69	1.02	0.75	38.1	16.1	6.4	69	8.0	74
MCNAIR 9416	4.56	1.09	0.82	37.4	16.8	6.1	67	7.5	76
STONEVILLE 804	4.41	1.07	0.77	36.6	17.3	6.6	66	7.3	73
DPL 6532	4.55	1.12	0.80	39.0	18.4	5.8	67	6.5	72
BAYOU 7769	4.46	1.06	0.79	36.5	18.0	7.5	67	7.3	75
ACALA 1517-70	3.89	1.09	0.79	42.2	20.7	6.5	67	8.5	73
			JACKSON, TENN.						
COKER 310	3.94	1.22	0.93	35.0	18.0	8.3	68	8.5	76
STONEVILLE 804	3.90	1.04	0.80	36.7	18.8	7.4	67	8.5	77
PD 4381D	3.70	1.11	0.89	35.1	17.7	8.2	69	10.0	80
PD 8623	4.15	1.18	0.91	38.3	18.8	7.1	68	8.5	77
COKER 8103	3.81	1.14	0.88	36.4	18.0	7.3	69	8.0	77
CP8M1	4.19	1.14	0.89	38.4	19.3	6.4	69	8.5	78
DPL 6532	4.10	1.19	0.96	40.2	20.4	6.4	67	7.5	82
DELTAPINE 16	3.89	1.10	0.82	31.6	16.0	10.7	67	9.0	75
LA. DASS-197	4.19	1.08	0.82	37.4	16.3	6.3	68	8.8	76
MCNAIR 9416	4.10	1.11	0.89	35.4	16.6	7.0	69	8.3	80
BAYOU 7769	3.58	1.15	0.92	36.1	18.1	8.7	69	8.3	80
ACALA 1517-70	3.34	1.08	0.83	40.3	19.3	6.4	66	9.5	77

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
COL. STA., TEX.									
COKER 310	1003	A	5.82	78	35.3	11.6	.57	1.27	12.1
DELTAPINE 16	994	AB	5.51	83	35.9	11.0	.54	1.19	11.3
PD 8623	943	ABC	5.85	78	37.6	12.1	.56	1.18	12.6
PD 4381D	905	ABCD	5.17	88	33.8	11.6	.53	1.16	12.8
CP8M1	862	ABCD	6.03	76	35.3	13.0	.56	1.16	12.6
LA. DASS-197	820	ABCD	5.29	86	36.9	10.9	.51	1.13	12.9
COKER 8103	776	BCD	6.31	72	34.5	11.5	.56	1.22	13.9
STONEVILLE 804	749	CD	5.35	85	37.3	11.3	.52	1.15	12.1
BAYOU 7769	730	CD	5.52	83	35.3	11.6	.55	1.18	13.1
DPL 6532	702	DE	5.82	79	34.3	14.3	.57	1.23	14.3
MCNAIR 9416	683	DE	6.58	69	33.8	12.8	.55	1.15	12.5
ACALA 1517-70	516	E	5.57	82	32.6	13.2	.58	1.22	13.8
ST JOSEPH, LA.									
LA. DASS-197	1058	A	5.76	79	40.6	11.0	.55	1.19	12.9
COKER 8103	1033	AB	6.49	70	37.8	12.1	.60	1.27	14.6
DPL 6532	1021	ABC	6.51	70	37.6	12.1	.64	1.30	16.2
BAYOU 7769	1018	ABC	6.47	70	38.5	11.4	.60	1.23	14.7
PD 4381D	992	ABC	6.25	73	38.4	11.1	.58	1.18	14.0
DELTAPINE 16	938	ABCD	6.80	67	39.4	11.2	.58	1.23	12.8
STONEVILLE 804	901	BCDE	5.51	82	40.0	10.5	.56	1.17	13.7
COKER 310	878	CDE	6.40	71	39.5	11.2	.55	1.26	13.1
ACALA 1517-70	876	CDE	6.84	67	36.6	12.4	.58	1.22	15.4
MCNAIR 9416	838	DE	6.72	68	36.2	12.5	.58	1.19	12.9
PD 8623	793	E	6.04	75	40.0	11.2	.57	1.21	13.2
CP8M1	760	E	6.16	74	37.1	11.9	.54	1.15	14.1
ST'VILLE, MISS.									
COKER 8103	925	A	6.11	75	39.8	14.3	.57	1.19	13.5
STONEVILLE 804	911	A	5.27	86	40.0	13.0	.55	1.13	13.3
LA. DASS-197	899	AB	5.52	83	42.3	13.1	.51	1.10	12.2
DELTAPINE 16	879	ABC	5.99	76	37.7	13.0	.52	1.11	11.8
COKER 310	845	ABCD	5.63	81	39.4	13.3	.50	1.13	12.0
ACALA 1517-70	812	ABCDE	6.06	75	36.5	14.6	.56	1.18	15.3
BAYOU 7769	760	ABCDEF	5.67	81	39.1	13.4	.51	1.11	13.2
PD 4381D	740	BCDEF	5.70	80	38.6	13.7	.54	1.12	14.3
MCNAIR 9416	717	CDEF	6.60	69	36.6	14.7	.52	1.10	12.8
DPL 6532	692	DEF	6.14	74	36.0	15.7	.56	1.18	15.8
CP8M1	648	EF	6.07	75	38.8	13.5	.50	1.06	12.5
PD 8623	609	F	5.60	81	40.8	14.6	.54	1.15	12.9

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COL. STA., TEX.									
COKER 310	4.29	1.21	0.93	34.3	18.5	6.6	68	7.3	77
DELTAPINE 16	4.55	1.15	0.87	31.4	16.6	8.6	72	6.3	76
PD 8623	4.96	1.16	0.95	42.1	20.7	6.2	71	7.5	82
PD 4381D	3.78	1.15	0.94	35.3	18.7	7.1	70	6.3	82
CP8M1	4.30	1.14	0.93	38.9	19.5	5.6	69	8.3	82
LA. DASS-197	4.46	1.15	0.91	39.8	19.3	5.8	69	6.0	80
COKER 8103	4.22	1.25	1.06	35.5	19.6	6.3	69	6.8	85
STONEVILLE 804	4.19	1.08	0.84	38.8	19.1	6.7	68	7.8	78
BAYOU 7769	4.21	1.18	0.96	36.4	19.4	7.1	71	8.5	81
DPL 6532	4.70	1.26	1.07	40.6	21.7	5.0	69	7.3	86
MCNAIR 9416	4.46	1.17	0.97	36.5	18.5	6.5	68	8.0	83
ACALA 1517-70	3.84	1.18	0.94	40.5	21.0	6.1	68	7.0	79
ST JOSEPH, LA.									
LA. DASS-197	4.54	1.15	0.88	41.4	19.6	4.5	72	8.0	77
COKER 8103	4.16	1.23	0.92	39.3	21.6	5.6	72	8.3	76
DPL 6532	4.56	1.27	1.00	44.6	24.6	4.9	71	7.5	79
BAYOU 7769	4.42	1.20	0.94	40.1	21.6	6.5	72	8.5	79
PD 4381D	4.20	1.15	0.89	39.1	20.9	5.8	70	8.0	78
DELTAPINE 16	4.59	1.22	0.94	34.9	19.6	7.9	72	7.8	78
STONEVILLE 804	4.14	1.18	0.95	40.1	20.5	5.8	69	8.0	81
COKER 310	4.44	1.26	0.98	36.1	19.3	5.9	71	9.3	78
ACALA 1517-70	4.05	1.21	0.93	43.4	23.5	5.1	73	10.0	77
MCNAIR 9416	4.71	1.17	0.94	39.2	18.7	4.9	71	8.3	80
PD 8623	4.74	1.18	0.91	42.0	20.7	4.9	69	8.0	77
CP8M1	4.49	1.13	0.88	42.5	21.3	4.9	70	8.0	78
ST'VILLE, MISS.									
COKER 8103	4.49	1.20	1.01	42.3	22.6	5.5	74	8.8	84
STONEVILLE 804	4.43	1.09	0.90	42.6	22.1	5.2	73	9.3	82
LA. DASS-197	4.97	1.12	0.91	43.9	20.3	5.0	75	8.5	82
DELTAPINE 16	5.00	1.09	0.88	38.4	20.6	7.8	76	7.8	82
COKER 310	4.65	1.15	0.94	39.7	21.0	6.1	74	9.3	82
ACALA 1517-70	4.22	1.17	0.94	47.2	24.6	5.0	75	9.0	80
BAYOU 7769	4.47	1.10	0.90	43.1	22.9	6.0	75	9.0	82
PD 4381D	4.28	1.14	0.99	42.5	22.2	6.1	75	9.0	87
MCNAIR 9416	4.70	1.13	0.94	41.2	19.5	5.4	75	7.8	84
DPL 6532	4.56	1.20	0.99	48.1	25.0	4.7	74	8.3	83
CP8M1	4.80	1.05	0.82	45.9	21.3	4.8	74	8.8	79
PD 8623	5.12	1.15	0.94	43.6	21.8	4.6	74	9.5	82

1972 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
BELLE MINA, ALA.									
COKER 310	1437	A	6.01	76	43.8	10.0	.57	1.23	12.1
PD 4381D	1419	AB	5.52	82	43.5	9.8	.54	1.12	12.3
DELTAPINE 16	1404	AB	6.47	71	43.4	10.6	.53	1.14	11.4
COKER 8103	1401	AB	5.63	81	43.9	10.2	.55	1.16	12.8
PD 8623	1382	ABC	5.27	86	44.7	10.9	.56	1.14	12.3
LA. DASS-197	1338	BCD	5.56	82	44.0	10.5	.53	1.12	12.9
STONEVILLE 804	1333	BCD	5.12	89	44.0	9.5	.49	1.07	12.1
CP8M1	1298	CD	6.01	77	41.4	11.6	.54	1.11	12.5
BAYOU 7769	1253	DE	6.01	76	43.1	10.8	.54	1.12	12.9
MCNAIR 9416	1197	EF	6.46	70	40.8	11.2	.52	1.09	11.6
DPL 6532	1137	F	6.60	69	40.9	12.5	.57	1.23	14.6
ACALA 1517-70	512	G	5.48	83	40.2	11.1	.53	1.16	13.6
TIFTON, GA.									
STONEVILLE 804	808	A	4.98	91	41.3	9.2	.53	1.10	12.4
DELTAPINE 16	756	A	5.86	78	39.0	10.7	.56	1.15	12.5
COKER 8103	747	A	5.83	78	38.9	10.3	.55	1.16	13.3
PD 4381D	746	A	5.34	85	38.0	9.9	.51	1.08	13.1
LA. DASS-197	744	A	5.27	86	40.8	10.6	.53	1.12	13.2
COKER 310	737	A	6.04	75	40.6	10.3	.56	1.21	12.8
DPL 6532	660	B	6.23	73	37.1	12.3	.54	1.16	15.4
MCNAIR 9416	648	B	6.14	74	37.9	11.4	.52	1.07	12.4
CP8M1	642	B	6.10	75	37.5	11.3	.54	1.12	13.4
BAYOU 7769	631	B	5.19	88	38.9	10.5	.53	1.08	13.7
PD 8623	623	B	5.24	87	39.5	11.7	.53	1.15	13.1
ACALA 1517-70	545	C	5.53	82	36.7	10.7	.52	1.11	14.4
EXPERIMENT, GA.									
COKER 8103	1025	A	6.94	65	40.0	11.3	.60	1.19	13.9
LA. DASS-197	1010	A	6.18	74	41.4	11.4	.57	1.17	13.2
BAYOU 7769	999	A	6.34	72	39.5	12.0	.57	1.17	13.8
DELTAPINE 16	996	A	6.60	69	40.3	11.5	.56	1.17	11.8
COKER 310	995	A	6.63	69	41.8	11.3	.59	1.25	12.3
PD 4381D	993	A	6.26	73	40.1	11.3	.59	1.18	13.2
PD 8623	986	A	6.45	71	42.4	11.9	.59	1.20	13.4
MCNAIR 9416	978	A	7.54	60	38.1	12.3	.56	1.13	13.0
CP8M1	946	A	6.79	67	39.7	12.2	.59	1.16	13.5
STONEVILLE 804	884	A	5.58	81	41.4	10.6	.56	1.15	13.6
DPL 6532	689	B	6.39	71	37.7	13.0	.60	1.24	15.3
ACALA 1517-70	653	B	5.96	76	37.5	12.0	.55	1.17	15.1

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
BELLE MINA, ALA.									
COKER 310	4.39	1.20	0.88	34.2	17.8	8.2	75	8.5	74
PD 4381D	4.19	1.14	0.94	36.1	19.1	7.9	71	8.5	83
DELTAPINE 16	4.74	1.15	0.91	31.1	17.2	10.6	77	7.5	79
COKER 8103	4.54	1.15	0.88	37.2	19.7	6.9	75	9.0	77
PD 8623	4.63	1.15	0.97	41.0	18.9	6.7	76	8.5	84
LA. DASS-197	4.77	1.12	0.92	40.6	19.5	7.3	77	7.5	82
STONEVILLE 804	4.16	1.07	0.87	38.8	19.2	7.4	75	8.3	82
CP8M1	4.51	1.05	0.80	39.1	19.6	6.8	72	8.3	76
BAYOU 7769	4.25	1.10	0.86	35.2	19.2	8.7	75	8.8	78
MCNAIR 9416	4.68	1.09	0.92	37.9	18.7	7.0	74	8.3	84
DPL 6532	4.49	1.24	1.00	40.5	21.8	6.4	69	7.3	81
ACALA 1517-70	3.89	1.11	0.83	40.1	20.3	6.3	72	8.3	75
TIFTON, GA.									
STONEVILLE 804	4.28	1.05	0.82	39.8	19.9	5.7	75	9.0	78
DELTAPINE 16	4.81	1.17	0.96	34.0	19.6	9.3	77	7.8	82
COKER 8103	4.07	1.15	0.91	37.6	20.5	5.8	75	9.5	79
PD 4381D	4.04	1.07	0.87	39.4	20.6	6.1	76	9.5	81
LA. DASS-197	4.62	1.12	0.88	41.0	20.2	5.7	75	9.0	79
COKER 310	4.50	1.20	0.92	37.4	19.2	6.9	76	8.3	77
DPL 6532	4.70	1.20	0.98	45.8	23.0	5.0	76	8.3	82
MCNAIR 9416	5.10	1.09	0.90	41.1	19.7	5.5	75	9.0	83
CP8M1	4.59	1.09	0.85	42.4	20.7	5.3	75	8.3	78
BAYOU 7769	4.64	1.12	0.91	40.3	21.4	6.6	76	8.8	82
PD 8623	4.79	1.17	0.94	41.2	19.9	5.8	76	8.5	81
ACALA 1517-70	4.44	1.12	0.88	46.0	23.2	5.3	76	9.3	79
EXPERIMENT, GA.									
COKER 8103	4.50	1.22	1.06	36.4	20.7	6.9	74	7.8	87
LA. DASS-197	4.75	1.19	0.98	40.6	19.7	6.5	76	7.3	83
BAYOU 7769	4.42	1.19	1.03	35.7	20.9	8.1	76	7.8	87
DELTAPINE 16	4.89	1.22	1.01	31.9	19.0	10.7	76	7.5	84
COKER 310	4.72	1.26	1.02	34.4	19.1	8.4	76	8.8	82
PD 4381D	4.47	1.18	0.93	37.6	20.1	8.1	75	8.0	83
PD 8623	5.01	1.21	1.01	40.9	20.1	6.3	75	7.8	84
MCNAIR 9416	4.99	1.18	1.00	37.5	18.8	6.6	75	7.8	85
CP8M1	4.86	1.18	0.99	40.3	20.9	6.1	74	8.0	84
STONEVILLE 804	4.27	1.15	0.94	36.7	19.2	7.1	74	8.0	82
DPL 6532	4.73	1.28	1.10	44.0	22.3	6.2	75	7.5	86
ACALA 1517-70	4.08	1.22	1.05	40.1	22.5	6.1	76	8.3	86

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
			FLORENCE, S.C.						
COKER 310	948	A	6.17	74	36.0	11.5	.58	1.26	12.4
DPL 6532	901	AB	7.20	63	32.9	14.5	.63	1.30	14.7
STONEVILLE 804	883	AB	5.71	80	38.2	11.3	.56	1.18	12.7
COKER 8103	859	AB	6.58	69	35.5	11.5	.59	1.26	13.2
CP8M1	858	AB	6.74	68	35.3	13.4	.57	1.20	13.3
PD 4381D	849	AB	6.65	68	35.8	12.0	.57	1.18	12.7
DELTAPINE 16	836	BC	6.23	73	35.4	11.5	.55	1.22	11.8
PD 8623	806	BCD	6.74	67	36.6	13.4	.61	1.23	13.7
LA. DASS-197	738	CD	5.78	79	37.0	11.9	.56	1.18	12.9
MCNAIR 9416	721	DE	6.58	69	32.2	13.0	.57	1.17	12.9
ACALA 1517-70	630	E	5.82	79	32.8	12.3	.58	1.21	14.7
BAYOU 7769	626	E	5.58	81	33.5	11.8	.57	1.22	12.8
			ROCKY MT., N.C.						
PD 4381D	556	A	6.60	69	35.4	12.6	.56	1.16	14.2
DELTAPINE 16	505	AB	6.24	73	35.0	11.7	.56	1.20	13.2
COKER 310	492	AB	6.23	73	37.2	11.4	.59	1.26	14.0
COKER 8103	484	ABC	6.41	71	34.3	12.1	.59	1.23	14.7
CP8M1	458	BC	7.31	62	35.4	13.9	.58	1.19	14.7
PD 8623	452	BC	6.88	66	36.1	14.2	.63	1.28	15.6
STONEVILLE 804	412	CD	5.49	83	36.2	11.9	.55	1.18	14.4
ACALA 1517-70	346	DE	5.93	77	34.1	13.2	.54	1.18	16.1
MCNAIR 9416	326	E	6.86	66	32.0	13.3	.56	1.14	14.0
DPL 6532	308	E	6.47	70	32.5	15.4	.65	1.30	17.1
LA. DASS-197	302	E	6.14	74	35.6	11.8	.53	1.15	14.6
BAYOU 7769	275	E	6.08	75	33.9	12.5	.53	1.15	14.3

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
FLORENCE, S.C.									
COKER 310	4.24	1.29	1.08	34.5	19.3	8.2	78	8.0	84
DPL 6532	4.36	1.35	1.17	38.7	22.1	9.3	78	8.5	87
STONEVILLE 804	4.25	1.15	0.92	37.4	19.1	7.5	78	9.5	80
COKER 8103	4.15	1.25	1.03	34.9	19.9	7.3	80	9.0	82
CP8M1	4.36	1.23	1.05	39.4	20.9	6.8	79	8.8	86
PD 4381D	4.12	1.20	1.02	33.7	19.2	7.9	78	9.5	85
DELTAPINE 16	4.39	1.25	1.05	31.1	18.3	10.9	81	8.5	84
PD 8623	4.83	1.24	1.05	38.8	20.9	7.0	78	9.3	85
LA. DASS-197	4.40	1.21	1.00	37.9	20.0	7.0	80	9.3	83
MCNAIR 9416	4.46	1.20	1.03	35.3	19.8	7.7	79	8.5	85
ACALA 1517-70	3.60	1.22	1.00	41.1	23.1	6.9	77	8.5	83
BAYOU 7769	3.75	1.19	0.99	33.8	19.8	8.3	80	10.3	83
ROCKY MT., N.C.									
PD 4381D	3.99	1.20	1.03	35.1	20.3	8.9	75	8.0	86
DELTAPINE 16	4.05	1.24	1.02	31.4	18.8	11.4	76	8.3	83
COKER 310	3.91	1.28	1.05	34.2	19.6	9.0	75	9.0	82
COKER 8103	3.71	1.25	1.05	35.5	20.7	7.9	75	8.3	84
CP8M1	4.54	1.21	1.01	38.5	21.2	7.3	74	8.3	84
PD 8623	4.52	1.31	1.11	38.5	20.8	7.3	76	9.0	85
STONEVILLE 804	3.94	1.18	0.97	37.4	20.4	8.0	75	9.3	82
ACALA 1517-70	3.90	1.23	0.99	40.5	22.1	6.9	74	8.8	81
MCNAIR 9416	4.17	1.17	1.00	35.6	19.1	7.7	75	8.0	85
DPL 6532	4.21	1.33	1.14	40.1	22.5	7.0	77	6.5	85
LA. DASS-197	4.11	1.17	0.96	38.5	19.7	7.2	75	7.5	82
BAYOU 7769	3.88	1.19	0.99	36.0	20.6	9.2	77	9.8	83

1972 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
P 28	913	A	2.95	154	35.9	11.9	.70	1.40	17.8
P 27	865	AB	2.88	158	35.4	11.9	.71	1.42	18.0
E2	831	ABC	3.01	152	35.3	12.2	.72	1.42	16.7
P 23	831	ABC	2.95	154	34.9	12.1	.72	1.44	18.2
E3	824	ABC	2.85	162	35.1	12.3	.74	1.44	16.7
P 26	816	ABCD	3.03	151	34.9	12.3	.72	1.44	18.3
P 29	801	BCD	3.55	128	37.9	12.3	.71	1.45	17.4
P-21	793	BCD	3.63	125	36.0	13.3	.74	1.47	18.0
P 24	731	CDE	3.57	128	36.0	12.8	.73	1.46	18.9
PIMA S-4	729	CDE	3.50	130	36.8	12.2	.70	1.43	17.1
P-22	717	DE	3.53	129	35.1	12.9	.73	1.45	18.5
PIMA S-3	634	E	3.41	135	34.5	12.3	.71	1.46	17.0

SUBREGIONAL SUMMARY COMBINING PHOENIX, TEMPE, MARANA, AND COOLIDGE

P 29	888	A	3.53	129	36.3	12.7	.71	1.45	17.8
P 28	863	AB	2.79	163	34.6	11.9	.69	1.36	18.1
P 27	825	AB	2.75	166	34.0	12.0	.68	1.38	18.1
P-21	817	AB	3.47	131	34.2	13.5	.74	1.48	18.3
P 23	784	ABC	2.78	164	33.5	12.3	.71	1.43	18.1
P 26	776	ABCD	2.87	158	33.4	12.3	.69	1.41	18.1
PIMA S-4	730	ABCDE	3.32	137	35.0	12.7	.70	1.42	17.4
P-22	696	BCDE	3.37	135	33.5	13.1	.71	1.44	18.8
E2	622	CDEF	2.69	169	33.3	12.3	.70	1.39	17.3
E3	617	DEF	2.50	183	34.2	12.0	.69	1.41	16.7
P 24	589	EF	3.34	137	34.2	13.0	.72	1.45	18.7
PIMA S-3	493	F	3.05	149	32.9	12.6	.72	1.47	17.4

SUBREGIONAL SUMMARY COMBINING SAFFORD(PACE), FABENS, EL PASO, PECOS, SAFFORD(EXPT STA), SAFFORD(CURTIS), AND LAS CRUC

P 28	939	A	3.03	150	36.6	11.8	.71	1.41	17.6
E2	935	A	3.17	144	36.2	12.2	.73	1.43	16.4
E3	928	A	3.02	151	35.6	12.5	.76	1.45	16.6
P 27	884	AB	2.95	154	36.2	11.9	.73	1.43	17.9
P 23	855	ABC	3.04	150	35.6	12.1	.73	1.44	18.2
P 26	836	BCD	3.10	147	35.7	12.3	.74	1.46	18.3
P 24	801	CDE	3.69	123	36.8	12.7	.73	1.46	18.9
P-21	782	CDEF	3.71	123	36.8	13.1	.74	1.46	17.8
P 29	758	DEF	3.56	128	38.8	12.1	.70	1.45	17.2
P-22	728	EF	3.61	126	35.9	12.9	.74	1.46	18.4
PIMA S-4	728	EF	3.60	127	37.7	12.0	.69	1.43	17.0
PIMA S-3	705	F	3.58	127	35.3	12.1	.71	1.46	16.9

LOCATIONS COMBINING VARIETIES

S.(CURTIS),ARIZ	1173	A	3.56	129	36.7	12.2	.71	1.45	17.5
PHOENIX, ARIZ.	898	B	3.01	154	34.4	12.5	.70	1.41	17.7
EL PASO, TEX.	855	BC	3.17	144	37.7	12.0	.74	1.45	17.7
FABENS, TEX.	802	CD	3.10	148	35.4	13.1	.76	1.48	18.1
S.(PACE),ARIZ.	751	DE	3.28	140	37.4	11.4	.71	1.42	17.5
LAS CR., N.MEX.	712	EF	3.65	125	36.4	12.9	.69	1.41	16.5
TEMPE, ARIZ.	650	F	3.03	151	34.1	12.5	.69	1.40	18.1
SAFFORD, ARIZ.	647	F	3.27	140	35.1	12.3	.75	1.48	18.4
COOLIDGE, ARIZ.	627	F	3.08	150	33.8	12.6	.72	1.46	17.9

1972 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
P 28	4.34	1.33	1.07	44.3	28.2	8.8	66	10.4	80
P 27	4.30	1.34	1.08	43.8	27.8	8.6	66	10.3	80
E2	4.76	1.37	1.13	42.4	27.4	9.2	70	8.8	82
P 23	4.25	1.35	1.09	44.3	28.0	8.5	67	10.4	80
E3	4.59	1.39	1.14	42.7	27.7	9.4	69	8.9	82
P 26	4.21	1.36	1.11	44.3	27.9	8.5	66	10.4	81
P 29	4.29	1.37	1.08	44.0	28.3	9.1	67	9.9	79
P-21	4.30	1.40	1.12	44.8	29.0	8.8	68	10.8	80
P 24	4.32	1.38	1.10	46.6	29.7	8.1	66	10.4	79
PIMA S-4	4.27	1.36	1.07	43.8	28.1	9.2	68	9.7	79
P-22	4.11	1.38	1.09	45.8	30.3	8.4	67	10.7	79
PIMA S-3	4.03	1.37	1.07	42.3	27.2	9.2	66	11.3	78

SUBREGIONAL SUMMARY COMBINING PHOENIX, TEMPE, MARANA, AND COOLIDGE

P 29	4.64	1.39	1.13	44.0	29.2	8.7	65	8.7	82
P 28	4.52	1.33	1.09	44.3	28.7	8.3	63	9.4	82
P 27	4.51	1.35	1.10	44.3	28.6	8.1	64	9.6	81
P-21	4.35	1.42	1.15	45.8	30.1	8.1	66	9.8	82
P 23	4.35	1.36	1.10	43.8	28.4	8.0	64	10.0	81
P 26	4.33	1.37	1.13	44.5	28.2	8.1	64	9.7	83
PIMA S-4	4.33	1.38	1.11	44.9	29.4	8.8	65	8.7	81
P-22	4.26	1.39	1.13	46.7	31.3	8.1	65	9.9	81
E2	4.80	1.36	1.12	43.7	28.8	8.4	66	8.3	83
E3	4.67	1.36	1.10	44.1	29.5	8.4	65	8.7	81
P 24	4.46	1.39	1.12	46.3	30.0	7.8	65	10.1	80
PIMA S-3	4.13	1.38	1.07	43.3	28.6	8.7	64	10.4	78

SUBREGIONAL SUMMARY COMBINING SAFFORD(PACE), FABENS, EL PASO, PECOS, SAFFORD(EXPT STA), SAFFORD(CURTIS), AND LAS CRUC

P 28	4.26	1.33	1.06	44.3	28.0	9.0	67	10.9	80
E2	4.74	1.38	1.13	41.7	26.7	9.7	72	9.1	82
E3	4.55	1.41	1.16	42.1	26.7	9.8	72	9.0	83
P 27	4.20	1.34	1.07	43.5	27.4	8.9	67	10.7	80
P 23	4.20	1.35	1.08	44.6	27.8	8.8	68	10.7	80
P 26	4.15	1.36	1.10	44.2	27.7	8.7	68	10.8	81
P 24	4.25	1.38	1.09	46.7	29.5	8.2	67	10.6	79
P-21	4.28	1.39	1.11	44.4	28.5	9.2	69	11.2	79
P 29	4.11	1.36	1.06	44.0	27.9	9.3	68	10.5	78
P-22	4.03	1.37	1.07	45.3	29.7	8.6	68	11.1	78
PIMA S-4	4.24	1.35	1.05	43.2	27.5	9.4	69	10.2	78
PIMA S-3	3.99	1.37	1.06	41.7	26.5	9.4	67	11.8	78

LOCATIONS COMBINING VARIETIES

S.(CURTIS),ARIZ	4.43	1.37	1.08	43.9	27.9	9.0	67	10.5	79
PHOENIX, ARIZ.	4.46	1.35	1.08	44.6	29.2	8.2	64	9.4	80
EL PASO, TEX.	4.37	1.38	1.12	44.9	28.6	9.0	70	11.0	81
FABENS, TEX.	4.35	1.40	1.13	43.7	28.2	9.4	70	11.1	81
S.(PACE),ARIZ.	4.09	1.32	1.04	44.1	27.3	8.5	66	9.9	79
LAS CR., N.MEX.	4.07	1.34	1.03	41.4	26.1	9.9	69	11.0	77
TEMPE, ARIZ.	4.45	1.36	1.11	44.8	29.4	8.2	65	9.0	82
SAFFORD, ARIZ.	4.19	1.38	1.10	44.9	28.8	8.6	68	9.7	80
COOLIDGE, ARIZ.	4.43	1.41	1.14	44.5	29.1	8.5	65	9.8	81

1972 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

P-21	3.63	A
P 24	3.57	AB
P 29	3.55	AB
P-22	3.53	AB
PIMA S-4	3.50	BC
PIMA S-3	3.41	C
P 26	3.03	D
E2	3.01	D
P 28	2.95	DE
P 23	2.95	DE
P 27	2.88	E
E3	2.85	E

BOLL SIZE, NO. PER LB.

E3	162	A
P 27	158	AB
P 28	154	BC
P 23	154	BC
E2	152	C
P 26	151	C
PIMA S-3	135	D
PIMA S-4	130	DE
P-22	129	E
P 29	128	E
P 24	128	E
P-21	125	E

LINT PCT.

P 29	37.9	A
PIMA S-4	36.8	B
P-21	36.0	C
P 24	36.0	C
P 28	35.9	C
P 27	35.4	D
E2	35.3	DE
E3	35.1	DE
P-22	35.1	DE
P 26	34.9	EF
P 23	34.9	EF
PIMA S-3	34.5	F

SEED INDEX

P-21	13.3	A
P-22	12.9	B
P 24	12.8	B
P 26	12.3	C
E3	12.3	C
P 29	12.3	C
PIMA S-3	12.3	C
PIMA S-4	12.2	C
E2	12.2	C
P 23	12.1	CD
P 27	11.9	D
P 28	11.9	D

SPAN LENGTH, 50 PCT.

P-21	0.74	A
E3	0.74	A
P-22	0.73	AB
P 24	0.73	AB
E2	0.72	BC
P 23	0.72	BC
P 26	0.72	BC
P 29	0.71	BC
P 27	0.71	BC
PIMA S-3	0.71	BC
PIMA S-4	0.70	C
P 28	0.70	C

SPAN LENGTH, 2.5 PCT.

P-21	1.47	A
PIMA S-3	1.46	AB
P 24	1.46	AB
P-22	1.45	ABC
P 29	1.45	ABC
P 26	1.44	BCD
E3	1.44	BCD
P 23	1.44	BCD
PIMA S-4	1.43	CD
E2	1.42	DE
P 27	1.42	DE
P 28	1.40	E

1972 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO	
E3	82 A
E2	82 A
P 26	81 AB
P-21	80 BC
P 23	80 BC
P 28	80 BC
P 27	80 BC
P 29	79 CD
PIMA S-4	79 CD
P 24	79 CD
P-22	79 CD
PIMA S-3	78 D

YARN TENACITY	
P 24	18.9 A
P-22	18.5 AB
P 26	18.3 BC
P 23	18.2 BCD
P-21	18.0 CD
P 27	18.0 CD
P 28	17.8 DE
P 29	17.4 EF
PIMA S-4	17.1 FG
PIMA S-3	17.0 FG
E2	16.7 G
E3	16.7 G

DRAWING SLIVER, UHM	
P-21	1.40 A
E3	1.39 AB
P 24	1.38 ABC
P-22	1.38 ABC
PIMA S-3	1.37 BCD
E2	1.37 BCD
P 29	1.37 BCD
P 26	1.36 CDE
PIMA S-4	1.36 CDE
P 23	1.35 DEF
P 27	1.34 EF
P 28	1.33 F

DRAWING SLIVER, MEAN	
E3	1.14 A
E2	1.13 AB
P-21	1.12 ABC
P 26	1.11 ABCD
P 24	1.10 BCDE
P 23	1.09 CDE
P-22	1.09 CDE
P 27	1.08 DE
P 29	1.08 DE
P 28	1.07 E
PIMA S-3	1.07 E
PIMA S-4	1.07 E

STELOMETER - TC	
P 24	46.6 A
P-22	45.8 AB
P-21	44.8 BC
P 23	44.3 C
P 26	44.3 C
P 28	44.3 C
P 29	44.0 C
P 27	43.8 C
PIMA S-4	43.8 C
E3	42.7 D
E2	42.4 D
PIMA S-3	42.3 D

STELOMETER - T1	
P-22	30.3 A
P 24	29.7 A
P-21	29.0 B
P 29	28.3 C
P 28	28.2 C
PIMA S-4	28.1 CD
P 23	28.0 CD
P 26	27.9 CDE
P 27	27.8 CDE
E3	27.7 CDE
E2	27.4 DE
PIMA S-3	27.2 E

1972 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

MICRONAIRE		STELOMETER - E1	
E2	4.76 A	E3	9.4 A
E3	4.59 B	E2	9.2 A
P 28	4.34 C	PIMA S-4	9.2 A
P 24	4.32 C	PIMA S-3	9.2 A
P 27	4.30 C	P 29	9.1 A
P-21	4.30 C	P 28	8.8 B
P 29	4.29 C	P-21	8.8 B
PIMA S-4	4.27 C	P 27	8.6 BC
P 23	4.25 CD	P 26	8.5 BC
P 26	4.21 CD	P 23	8.5 BC
P-22	4.11 DE	P-22	8.4 C
PIMA S-3	4.03 E	P 24	8.1 D

COLORIMETER -B		COLORIMETER -RD	
PIMA S-3	11.3 A	E2	70 A
P-21	10.8 B	E3	69 AB
P-22	10.7 B	P-21	68 BC
P 24	10.4 BC	PIMA S-4	68 BC
P 23	10.4 BC	P-22	67 CD
P 28	10.4 BC	P 23	67 CD
P 26	10.4 BC	P 29	67 CD
P 27	10.3 BC	P 26	66 D
P 29	9.9 CD	P 28	66 D
PIMA S-4	9.7 D	P 27	66 D
E3	8.9 E	P 24	66 D
E2	8.8 E	PIMA S-3	66 D

1972 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
PHOENIX, ARIZ.									
P 29	1209	A	3.64	125	37.3	13.0	.70	1.42	17.7
P 28	1108	B	2.82	162	34.9	12.0	.68	1.34	18.2
P 27	1067	BC	2.64	173	34.3	11.9	.67	1.34	18.0
P-21	1015	BCD	3.39	135	34.5	13.3	.73	1.46	18.0
PIMA S-4	994	CD	3.34	137	35.2	12.6	.69	1.38	17.3
P 23	992	CD	2.74	166	33.6	12.3	.71	1.44	17.7
P 26	952	D	2.85	160	33.2	12.2	.67	1.38	17.5
P-22	790	E	3.26	139	33.5	13.2	.71	1.43	18.8
E3	721	E	2.45	187	34.8	11.9	.67	1.41	16.3
P 24	718	E	3.31	138	34.3	12.8	.70	1.43	19.0
E2	614	F	2.54	179	33.6	12.4	.70	1.36	17.4
PIMA S-3	594	F	3.09	148	33.1	12.5	.73	1.46	16.7
TEMPE, ARIZ.									
P 29	827	A	3.49	130	35.9	12.5	.69	1.42	17.8
P 27	748	AB	2.75	165	33.8	11.8	.66	1.35	18.1
P 28	722	BC	2.79	163	34.4	11.8	.67	1.33	18.1
P-21	704	BC	3.45	132	34.2	13.6	.73	1.44	18.2
P 26	703	BC	2.90	156	33.7	12.3	.68	1.39	18.4
P 23	701	BC	2.78	163	33.7	12.1	.71	1.39	18.4
PIMA S-4	635	CD	3.17	143	34.9	12.6	.69	1.41	18.0
P-22	634	CD	3.33	136	33.7	12.9	.68	1.41	18.6
E2	590	DE	2.86	159	33.5	12.3	.69	1.38	17.2
E3	552	DEF	2.57	177	34.4	11.8	.69	1.39	16.8
P 24	524	EF	3.33	137	34.1	13.0	.72	1.44	18.5
PIMA S-3	464	F	2.95	154	33.1	12.8	.70	1.44	18.3
COOLIDGE, ARIZ.									
P 28	759	A	2.76	165	34.5	12.0	.70	1.39	18.0
P-21	733	AB	3.58	127	34.0	13.7	.77	1.52	18.6
P 26	672	ABC	2.87	159	33.3	12.4	.70	1.44	18.5
P-22	664	ABC	3.52	129	33.3	13.3	.72	1.47	19.0
E2	663	ABC	2.68	169	32.8	12.2	.70	1.43	17.2
P 27	661	ABC	2.85	159	33.9	12.3	.71	1.45	18.0
P 23	658	ABC	2.82	162	33.1	12.5	.70	1.44	18.1
P 29	627	ABC	3.47	131	35.8	12.6	.73	1.49	17.8
E3	579	BC	2.48	184	33.3	12.2	.71	1.44	17.0
PIMA S-4	562	CD	3.44	132	34.8	12.8	.70	1.47	16.8
P 24	526	CD	3.37	135	34.2	13.2	.74	1.47	18.6
PIMA S-3	420	D	3.12	147	32.4	12.6	.72	1.51	17.1
SAFFORD, ARIZ.									
E2	798	A	3.19	143	35.2	12.0	.74	1.46	17.0
E3	732	AB	2.99	152	34.5	12.5	.80	1.50	18.3
P 27	728	AB	2.93	155	35.2	11.9	.78	1.48	18.6
P 23	704	AB	3.02	150	34.5	12.0	.76	1.47	19.1
P 28	690	BC	2.97	153	35.5	11.7	.72	1.43	18.2
P 26	675	BC	2.96	154	33.9	12.2	.79	1.51	19.5
P-21	650	BCD	3.64	125	35.4	12.9	.75	1.49	18.7
P-22	601	CDE	3.59	127	34.3	12.9	.76	1.48	19.5
PIMA S-3	563	DE	3.55	128	34.2	12.3	.70	1.48	17.0
P 29	558	DE	3.38	134	36.8	12.2	.70	1.45	17.0
P 24	538	E	3.56	128	35.3	12.7	.76	1.51	19.9
PIMA S-4	522	E	3.50	130	35.9	11.9	.71	1.47	18.0

1972 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER 8	UNIF. RATIO
PHOENIX, ARIZ.									
P 29	4.82	1.38	1.12	42.7	28.5	9.0	64	8.3	82
P 28	4.41	1.34	1.10	44.3	29.2	8.0	63	8.5	82
P 27	4.60	1.33	1.09	44.1	28.7	8.0	63	9.5	82
P-21	4.32	1.37	1.07	46.7	30.5	7.5	65	10.3	79
PIMA S-4	4.43	1.36	1.07	44.1	29.4	8.9	64	8.8	80
P 23	4.39	1.33	1.07	44.2	28.3	7.8	64	10.0	81
P 26	4.26	1.34	1.09	44.5	27.9	8.1	64	10.0	82
P-22	4.24	1.37	1.10	45.8	31.7	7.6	65	10.0	81
E3	4.70	1.32	1.06	43.7	29.8	8.4	64	9.0	80
P 24	4.35	1.38	1.10	47.3	29.8	7.7	65	10.3	80
E2	4.80	1.34	1.11	44.3	28.6	8.3	65	8.0	83
PIMA S-3	4.20	1.33	1.00	43.3	27.7	8.7	62	10.8	76
TEMPE, ARIZ.									
P 29	4.59	1.36	1.12	44.9	29.9	8.2	65	8.5	82
P 27	4.46	1.35	1.11	45.2	28.7	7.7	65	9.3	82
P 28	4.52	1.30	1.06	44.2	28.8	8.3	64	9.8	81
P-21	4.37	1.41	1.16	45.4	29.7	8.3	66	9.0	83
P 26	4.28	1.36	1.14	45.0	28.5	7.9	64	8.8	84
P 23	4.31	1.36	1.12	42.9	29.0	7.8	63	9.8	82
PIMA S-4	4.21	1.36	1.12	45.6	29.7	8.6	66	8.3	82
P-22	4.29	1.38	1.12	47.4	30.8	8.2	66	9.0	81
E2	4.92	1.35	1.10	42.9	28.8	8.2	65	8.5	82
E3	4.75	1.34	1.10	44.5	29.3	8.4	65	8.5	82
P 24	4.64	1.37	1.12	45.4	29.9	7.6	64	9.5	82
PIMA S-3	4.04	1.38	1.09	44.0	29.2	8.5	63	9.5	80
COOLIDGE, ARIZ.									
P 28	4.61	1.36	1.12	44.4	28.0	8.8	64	10.0	82
P-21	4.35	1.47	1.22	45.3	29.9	8.4	66	10.3	83
P 26	4.45	1.40	1.15	44.1	28.2	8.3	66	10.3	83
P-22	4.25	1.42	1.15	46.8	31.3	8.4	65	10.8	81
E2	4.69	1.38	1.16	43.9	28.9	8.5	67	8.3	84
P 27	4.47	1.36	1.09	43.5	28.4	8.5	64	10.0	80
P 23	4.34	1.39	1.11	44.3	27.9	8.4	65	10.3	80
P 29	4.51	1.42	1.15	44.4	29.2	8.8	67	9.3	82
E3	4.55	1.40	1.13	43.9	29.4	8.4	67	8.5	81
PIMA S-4	4.35	1.40	1.14	45.1	29.0	8.9	66	9.0	81
P 24	4.39	1.42	1.14	46.2	30.2	8.0	66	10.5	80
PIMA S-3	4.14	1.43	1.12	42.6	28.8	8.8	66	11.0	78
SAFFORD, ARIZ.									
E2	4.46	1.40	1.14	43.4	26.9	9.4	73	8.0	81
E3	4.48	1.44	1.19	44.3	28.5	8.7	70	8.0	83
P 27	4.14	1.35	1.08	44.3	29.3	8.4	67	9.5	80
P 23	4.27	1.36	1.09	45.4	28.3	8.6	69	9.5	81
P 28	4.35	1.33	1.07	45.7	29.0	8.8	66	9.5	81
P 26	4.10	1.38	1.14	45.6	29.5	8.2	67	10.3	83
P-21	4.15	1.39	1.12	46.0	29.5	8.3	69	10.8	81
P-22	3.83	1.39	1.10	46.3	30.6	8.2	69	11.5	79
PIMA S-3	4.09	1.37	1.05	42.6	27.4	9.1	68	11.3	77
P 29	4.21	1.37	1.07	43.8	27.9	8.9	67	9.8	78
P 24	4.00	1.38	1.09	47.4	30.3	7.9	67	9.3	79
PIMA S-4	4.20	1.35	1.06	43.9	28.5	8.7	68	9.3	78

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	YTEN
EL PASO, TEX.									
E2	1051	A	2.95	154	37.3	11.9	.76	1.42	16.5
E3	988	AB	2.82	161	36.7	12.4	.77	1.46	16.1
P 28	982	AB	2.99	152	37.5	11.8	.72	1.43	17.9
P 27	934	BC	2.78	163	37.5	11.3	.71	1.41	18.1
P 23	863	CD	2.90	157	36.7	11.7	.73	1.46	18.3
P-21	839	CDE	3.63	125	37.9	13.1	.74	1.47	17.8
P 26	834	CDE	2.94	154	37.5	11.8	.76	1.47	18.5
P 24	828	CDE	3.48	131	37.7	12.2	.72	1.46	19.3
P-22	789	DEF	3.43	132	37.5	12.3	.76	1.46	18.4
P 29	739	EF	3.56	128	40.4	11.7	.73	1.44	17.2
PIMA S-3	704	F	3.25	140	35.8	12.0	.71	1.48	17.8
PIMA S-4	703	F	3.33	136	39.4	11.3	.70	1.41	16.4
S.(PACE),ARIZ.									
P 28	863	A	2.99	152	37.5	10.9	.71	1.41	17.4
P 27	824	AB	2.88	158	37.0	11.0	.70	1.40	18.2
P 29	793	AB	3.50	130	39.9	11.2	.68	1.42	17.5
E3	792	AB	2.85	159	36.5	11.3	.72	1.40	16.9
E2	779	AB	3.04	150	36.8	10.9	.72	1.43	17.0
P 26	773	AB	3.01	151	36.3	11.4	.72	1.46	17.7
P 23	770	AB	3.00	151	36.3	11.3	.72	1.43	18.0
P 24	756	BC	3.62	125	37.8	11.7	.73	1.46	18.0
P-21	675	CD	3.63	125	37.9	12.4	.72	1.43	17.5
P-22	664	D	3.59	126	37.1	12.1	.73	1.42	17.5
PIMA S-4	664	D	3.60	127	38.6	11.2	.68	1.36	16.8
PIMA S-3	655	D	3.65	124	36.9	11.1	.70	1.42	16.6
FABENS, TEX.									
E3	994	A	2.78	163	33.8	13.6	.82	1.50	16.3
E2	984	AB	2.97	153	35.1	13.1	.76	1.48	16.6
P 28	911	ABC	2.81	161	35.8	12.5	.74	1.45	17.9
P 26	896	ABC	2.84	160	35.9	13.0	.75	1.46	18.5
P 27	880	ABC	2.74	166	34.2	12.8	.74	1.45	17.9
P 23	856	BCD	2.82	161	35.2	12.6	.76	1.42	18.8
P-21	796	CDE	3.45	132	36.4	13.8	.76	1.45	18.5
P 24	737	DEF	3.45	131	36.1	13.3	.76	1.49	19.1
P-22	703	EF	3.35	136	34.8	13.5	.76	1.50	18.8
PIMA S-3	661	FG	3.37	135	33.7	12.5	.76	1.51	18.4
PIMA S-4	635	FG	3.26	139	36.4	12.8	.72	1.47	17.5
P 29	571	G	3.32	137	37.3	12.9	.74	1.51	18.1

1972 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
EL PASO, TEX.									
E2	4.70	1.39	1.14	43.2	27.4	9.4	73	9.3	83
E3	4.81	1.39	1.15	42.1	26.9	10.1	74	8.8	83
P 28	4.41	1.38	1.13	44.9	28.4	8.9	68	11.5	82
P 27	4.45	1.35	1.10	45.2	28.1	8.7	68	11.8	82
P 23	4.26	1.38	1.14	44.5	28.9	8.9	70	11.5	83
P-21	4.39	1.43	1.14	45.0	29.8	9.2	70	12.0	80
P 26	4.29	1.38	1.14	46.3	28.7	8.3	68	11.5	83
P 24	4.35	1.38	1.12	47.7	29.6	8.0	69	11.8	81
P-22	4.20	1.37	1.10	46.6	31.0	8.5	71	11.0	81
P 29	4.20	1.34	1.06	45.5	28.7	8.9	70	10.5	80
PIMA S-3	3.99	1.40	1.13	43.4	27.5	9.4	68	12.5	81
PIMA S-4	4.39	1.32	1.05	43.9	27.6	9.9	70	10.5	80
S.(PACE),ARIZ.									
P 28	3.93	1.28	1.00	44.0	26.8	8.9	67	11.0	78
P 27	4.06	1.32	1.05	43.0	26.9	8.5	65	10.3	80
P 29	4.14	1.33	1.05	43.6	27.3	8.8	68	11.0	79
E3	4.06	1.33	1.09	45.3	27.3	8.9	69	9.0	82
E2	4.39	1.33	1.08	43.7	27.0	8.8	70	8.8	82
P 26	3.99	1.33	1.07	43.8	27.4	8.0	66	10.0	80
P 23	4.13	1.31	1.06	44.9	27.3	8.4	63	9.5	81
P 24	3.92	1.34	1.04	45.0	27.8	8.0	65	9.3	78
P-21	4.16	1.35	1.06	44.1	27.8	8.5	66	9.8	79
P-22	4.07	1.31	1.00	44.8	28.7	8.0	66	10.3	77
PIMA S-4	4.22	1.29	1.00	44.1	26.9	8.6	67	9.0	78
PIMA S-3	3.93	1.33	1.01	42.6	26.7	8.5	67	11.5	76
FABENS, TEX.									
E3	4.77	1.46	1.24	41.0	26.5	10.6	75	9.5	86
E2	4.84	1.43	1.21	40.6	27.1	10.0	74	10.0	85
P 28	4.48	1.37	1.12	44.4	28.6	9.2	67	11.3	82
P 26	4.40	1.37	1.09	43.8	28.2	9.1	69	10.8	80
P 27	4.25	1.38	1.10	43.6	27.0	9.0	68	11.0	80
P 23	4.34	1.37	1.11	43.8	28.2	8.7	70	11.3	81
P-21	4.51	1.42	1.17	43.7	28.5	9.7	71	12.0	83
P 24	4.43	1.40	1.11	46.8	30.4	8.3	67	11.3	80
P-22	4.01	1.39	1.12	45.7	29.4	8.8	70	11.8	81
PIMA S-3	3.90	1.40	1.10	43.1	27.5	9.6	66	12.0	79
PIMA S-4	4.26	1.39	1.08	43.2	28.1	9.5	72	11.5	78
P 29	3.96	1.41	1.11	43.9	29.2	9.7	68	10.8	79

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	YTEN
			S.(CURTIS),ARIZ					
P 28	1344 A	3.18	143	36.8	11.6	.66	1.38	18.0
E3	1294 AB	3.20	142.	36.3	12.0	.73	1.47	16.0
E2	1277 AB	3.36	136	36.2	12.3	.70	1.42	16.2
P 29	1265 AB	3.85	118	39.2	12.1	.69	1.46	17.2
P 27	1220 BC	3.17	144	36.4	11.9	.73	1.43	18.0
P 23	1165 CD	3.25	140	35.6	12.0	.73	1.45	18.4
P 26	1163 CD	3.25	140	35.5	12.1	.71	1.44	18.9
P 24	1162 CD	3.94	116	37.6	12.4	.70	1.44	18.9
PIMA S-4	1148 CD	3.82	119	37.8	12.1	.69	1.46	16.7
P-21	1124 D	4.00	114	37.0	13.2	.73	1.48	17.8
P-22	977 E	3.86	118	36.0	12.8	.72	1.46	18.3
PIMA S-3	937 E	3.84	119	36.2	12.1	.69	1.46	15.5
			LAS CR., N.MEX.					
P 28	841 A	3.21	142	36.6	12.3	.67	1.38	16.2
P 24	787 AB	4.10	111	36.5	13.5	.69	1.41	18.3
P 23	772 AB	3.25	140	35.1	12.7	.69	1.43	16.8
E3	765 AB	3.46	131	35.8	13.2	.72	1.39	15.8
P 27	720 AB	3.19	142	36.6	12.4	.71	1.40	16.5
E2	719 AB	3.53	129	36.8	12.8	.69	1.38	15.2
PIMA S-3	711 AB	3.82	119	35.1	12.5	.67	1.40	15.8
PIMA S-4	694 AB	4.07	112	37.8	12.7	.66	1.39	16.2
P 26	677 AB	3.62	126	35.1	13.1	.70	1.42	16.7
P-22	635 B	3.86	118	35.6	13.4	.68	1.43	17.5
P 29	623 B	3.76	121	38.9	12.5	.67	1.42	16.2
P-21	605 B	3.92	116	36.4	13.2	.70	1.44	16.4

1972 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER T0	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
S.(CURTIS),ARIZ									
P 28	4.44	1.32	1.06	44.3	28.5	8.9	66	11.3	80
E3	4.85	1.41	1.14	41.1	26.3	9.7	70	9.3	81
E2	5.21	1.37	1.11	39.2	26.4	9.5	70	8.5	81
P 29	4.42	1.37	1.06	43.5	26.9	9.3	68	10.5	78
P 27	4.23	1.33	1.05	44.5	28.3	8.7	66	10.5	80
P 23	4.20	1.35	1.07	46.1	27.4	8.6	68	11.0	79
P 26	4.15	1.34	1.07	45.5	28.5	8.6	67	10.8	80
P 24	4.56	1.39	1.10	47.8	30.1	8.2	67	10.5	80
PIMA S-4	4.34	1.36	1.05	42.9	27.8	9.4	67	10.0	77
P-21	4.35	1.40	1.11	46.2	28.6	9.3	68	11.0	80
P-22	4.25	1.37	1.06	45.8	29.9	8.4	67	11.5	78
PIMA S-3	4.12	1.37	1.08	39.8	25.4	9.2	66	11.8	79
LAS CR., N.MEX.									
P 28	3.91	1.31	0.98	42.4	26.5	9.3	67	11.0	75
P 24	4.20	1.36	1.04	45.3	28.7	8.8	68	11.5	77
P 23	3.98	1.31	0.98	42.8	26.5	9.4	70	11.3	76
E3	4.29	1.40	1.16	38.3	24.8	10.8	72	9.8	83
P 27	4.06	1.30	1.01	40.4	24.8	10.0	66	11.3	78
E2	4.86	1.32	1.07	39.8	25.1	10.9	72	10.0	81
PIMA S-3	3.89	1.32	1.00	38.9	24.3	10.5	68	11.8	76
PIMA S-4	4.00	1.37	1.07	41.0	26.0	10.0	69	10.8	78
P 26	3.96	1.34	1.05	40.2	24.1	10.1	69	11.3	79
P-22	3.83	1.35	1.00	42.6	28.7	9.5	67	10.8	74
P 29	3.74	1.35	0.97	43.5	27.1	9.8	69	10.5	73
P-21	4.09	1.37	1.02	41.0	26.9	9.9	68	11.8	74

1972 PIMA REGIONAL COTTON VARIETY TEST

Phoenix, Ariz.

Test	Variety					
	Pima S-3	Pima S-4	P-21	P-22	P-23	P-24
Classer's designation:						
Grade	8	6	7	7	9	8
Staple; 32's inch	46	46	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.34	1.32	1.38	1.33	1.32	1.32
Mean	1.06	1.02	1.14	1.07	1.07	1.03
Stelometer:						
TO, cN/tex	42.42	42.95	43.13	45.40	41.92	44.98
T1, cN/tex	26.41	27.32	28.04	29.82	26.62	30.20
E1, percent	9.6	9.4	8.9	8.6	8.9	7.4
Micronaire	3.88	3.95	4.00	3.75	4.25	4.08
Yarn tenacity, cN/tex:						
11.8-tex combed	15.75	15.28	15.98	16.45	16.22	16.45
7.4-tex combed	13.50	13.13	13.88	15.00	13.88	14.75
Yarn appearance index	95	110	110	95	100	105
Yarn imperfections:						
11.8-tex combed	4	1	2	5	4	3
7.4-tex combed	3	1	2	4	4	2
Waste, percent:						
Picker and card	15.9	12.7	12.3	14.4	17.7	14.3
Comber	18.2	17.3	15.1	17.1	17.2	17.6

	P-26	P-27	P-28	P-29	E-2	E-3
Classer's designation:						
Grade	9	8	9	6	10	10
Staple; 32's inch	46	46	46	46	46	44
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.35	1.32	1.31	1.37	1.34	1.38
Mean	1.10	1.07	1.08	1.13	1.14	1.20
Stelometer:						
TO, cN/tex	42.15	42.80	42.86	42.04	41.33	39.67
T1, cN/tex	27.92	28.58	26.34	27.65	26.16	27.53
E1, percent	9.0	8.7	8.4	8.8	8.9	9.7
Micronaire	4.15	4.05	3.75	4.13	4.33	4.35
Yarn tenacity, cN/tex:						
11.8-tex combed	15.98	15.75	15.98	15.51	14.57	14.10
7.4-tex combed	13.88	13.50	14.25	13.50	12.75	12.38
Yarn appearance index	105	105	100	110	110	105
Yarn imperfections:						
11.8-tex combed	2	3	4	2	3	2
7.4-tex combed	2	2	2	1	1	2
Waste, percent:						
Picker and card	16.4	16.1	16.4	11.3	24.0	26.1
Comber	17.3	18.3	15.7	16.6	16.0	14.9

1972 PIMA REGIONAL COTTON VARIETY TEST

Safford (Curtis farm), Ariz.

Test	Variety					
	Pima S-3	Pima S-4	P-21	P-22	P-23	P-24
Classer's designation:						
Grade	6	6	5	6	8	6
Staple; 32's inch	46	44	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.34	1.35	1.37	1.36	1.32	1.32
Mean	1.09	1.08	1.12	1.09	1.07	1.07
Stelometer:						
TO, cN/tex	39.25	40.53	42.32	42.17	40.79	44.61
T1, cN/tex	23.47	26.15	25.32	28.36	26.30	28.52
E1, percent	10.0	10.1	9.7	9.2	9.1	8.8
Micronaire	3.73	3.95	4.25	3.48	3.93	3.68
Yarn tenacity, cN/tex:						
11.8-tex combed	14.81	14.81	15.75	16.92	16.22	16.92
7.4-tex combed	12.75	13.13	13.88	14.63	14.25	14.63
Yarn appearance index	100	110	110	105	105	105
Yarn imperfections:						
11.8-tex combed	1	1	2	3	3	2
7.4-tex combed	1	1	2	2	2	1
Waste, percent:						
Picker and card	11.7	10.7	11.2	11.1	13.9	11.1
Comber	16.5	16.9	16.4	14.9	16.0	15.8

	P-26	P-27	P-28	P-29	E-2	E-3
Classer's designation:						
Grade	8	7	8	6	8	9
Staple; 32's inch	46	46	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.36	1.31	1.31	1.30	1.36	1.37
Mean	1.15	1.06	1.10	0.99	1.15	1.14
Stelometer:						
TO, cN/tex	41.46	41.06	41.26	40.52	40.64	39.57
T1, cN/tex	26.37	22.09	26.73	26.52	25.21	25.62
E1, percent	9.8	9.4	9.2	9.5	9.9	9.9
Micronaire	3.90	3.75	4.05	3.58	4.23	4.05
Yarn tenacity, cN/tex:						
11.8-tex combed	16.69	16.22	16.45	15.28	14.34	14.57
7.4-tex combed	14.25	14.25	14.25	13.13	12.75	12.75
Yarn appearance index	110	105	105	105	110	110
Yarn imperfections:						
11.8-tex combed	3	2	2	2	2	2
7.4-tex combed	2	2	2	1	1	3
Waste, percent:						
Picker and card	14.8	13.7	13.6	10.0	18.0	19.8
Comber	14.9	16.0	15.0	17.4	13.8	14.5

1972 PIMA REGIONAL COTTON VARIETY TEST

Fabens, Tex.

Test	Variety					
	Pima S-3	Pima S-4	P-21	P-22	P-23	P-24
Classer's designation:						
Grade	6	6	6	6	6	6
Staple; 32's inch	44	46	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.35	1.35	1.39	1.36	1.38	1.39
Mean	1.09	1.09	1.15	1.13	1.18	1.19
Stelometer:						
TO, cN/tex	39.40	39.23	40.76	41.53	40.81	42.18
T1, cN/tex	24.60	25.05	26.00	27.19	25.94	27.87
E1, percent	11.0	10.5	10.7	9.4	9.6	9.0
Micronaire	3.43	3.68	3.88	3.45	3.95	3.65
Yarn tenacity, cN/tex:						
11.8-tex combed	15.98	15.28	15.75	16.92	16.45	16.92
7.4-tex combed	14.25	13.50	13.88	14.63	14.63	15.38
Yarn appearance index	110	115	120	110	110	110
Yarn imperfections:						
11.8-tex combed	3	2	2	4	2	1
7.4-tex combed	2	2	1	1	2	1
Waste, percent:						
Picker and card	15.8	14.6	12.7	13.7	16.0	13.6
Comber	16.6	17.9	15.3	17.3	17.2	16.9

Test	P-26	P-27	P-28	P-29	E-2	E-3
Classer's designation:						
Grade	6	8	6	6	6	6
Staple; 32's inch	46	44	46	46	46	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.35	1.36	1.35	1.34	1.35	1.37
Mean	1.08	1.14	1.14	1.06	1.13	1.14
Stelometer:						
TO, cN/tex	41.15	41.10	41.53	40.58	40.20	38.80
T1, cN/tex	25.92	25.87	26.58	26.98	23.89	25.05
E1, percent	10.1	10.0	9.9	10.2	10.6	10.7
Micronaire	3.73	4.10	3.70	3.63	4.18	3.58
Yarn tenacity, cN/tex:						
11.8-tex combed	16.69	16.45	16.22	15.51	14.34	14.57
7.4-tex combed	14.63	14.25	14.25	13.88	12.38	12.38
Yarn appearance index	110	105	110	110	115	125
Yarn imperfections:						
11.8-tex combed	2	3	3	3	2	2
7.4-tex combed	3	3	2	3	1	1
Waste, percent:						
Picker and card	14.4	16.1	15.3	14.1	19.5	21.8
Comber	16.9	16.8	16.2	18.2	13.9	14.4

1972 PIMA REGIONAL COTTON VARIETY TEST

El Paso, Tex.

Test	Variety					
	Pima S-3	Pima S-4	P-21	P-22	P-23	P-24
Classer's designation:						
Grade	6	6	6	6	6	6
Staple; 32's inch	46	44	44	44	44	46
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.35	1.36	1.40	1.35	1.35	1.37
Mean	1.08	1.10	1.16	1.12	1.14	1.14
Stelometer:						
TO, cN/tex	41.02	40.34	40.75	42.92	40.92	45.41
T1, cN/tex	24.39	26.45	26.39	27.56	26.24	28.65
E1, percent	10.1	9.8	9.9	9.2	10.0	8.3
Micronaire	3.70	4.05	4.13	3.90	4.23	4.07
Yarn tenacity, cN/tex:						
11.8-tex combed	15.98	15.75	15.28	16.69	16.22	16.92
7.4-tex combed	14.25	13.50	13.50	14.25	13.88	15.38
Yarn appearance index	110	120	110	110	115	120
Yarn imperfections:						
11.8-tex combed	4	2	2	3	3	2
7.4-tex combed	3	2	1	2	3	2
Waste, percent:						
Picker and card	13.3	10.7	11.3	13.6	13.0	11.4
Comber	17.5	15.8	17.2	17.8	16.4	14.5

	P-26	P-27	P-28	P-29	E-2	E-3
Classer's designation:						
Grade	7	7	7	6	8	8
Staple; 32's inch	44	44	44	46	44	44
Comber drawing sliver:						
Fibrograph, inches:						
Upper-half mean	1.36	1.32	1.32	1.35	1.35	1.35
Mean	1.15	1.12	1.09	1.12	1.14	1.16
Stelometer:						
TO, cN/tex	41.42	40.65	40.92	40.64	38.54	39.47
T1, cN/tex	25.80	22.70	25.81	26.11	24.37	25.63
E1, percent	9.5	10.4	10.2	9.8	11.4	10.2
Micronaire	4.15	4.38	4.23	3.85	4.80	4.45
Yarn tenacity, cN/tex:						
11.8-tex combed	16.45	16.45	15.98	15.98	14.10	14.34
7.4-tex combed	14.25	13.88	13.88	14.25	12.38	12.38
Yarn appearance index	120	120	115	115	120	120
Yarn imperfections:						
11.8-tex combed	4	2	3	2	3	3
7.4-tex combed	4	2	2	2	2	3
Waste, percent:						
Picker and card	13.6	13.7	13.3	10.6	16.7	19.5
Comber	16.8	15.8	16.0	17.9	14.6	15.1

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